Welcome

Charleston Defense Contractors Association
59th Small Business and Industry Outreach Initiative Symposium (SBIOI)

19 October 2021

Ms. April Nadeau
President
Charleston Defense Contractors Association

Welcome and Opening Remarks

CDCA Officers

April Nadeau President

Gary Jaffe Vice President

Manny Lovgren Treasurer

Beth Meredith Secretary

For a listing of all of your Board of Directors:
http://www.charlestondca.org/about-overview-page

http://www.charlestondca.org/committees

Do you...

- Enjoy being creative and brainstorming with others?

- Enjoy seeing your work in action?

- Want to make a difference in our defense community / industry and learn more about it?

- Want to gain leadership experience?

- Want to make new business contacts?

Then volunteering with CDCA is for you!

See our "About" tab for a description of committees with contact information.

Join the CDCA Today!

Why Join the Charleston Defense Contractors Association?

The CDCA is the premier advocate for the Charleston Defense contractor industry.

The CDCA mission is to advocate for, strengthen and grow the Charleston Defense industry through partnership and collaboration with stakeholders and our community. The CDCA supports the Defense community at large and represents the defense community with NIWC and other government agencies in the Lowcountry. We seek to provide liaison through effective communication avenues and represent the Defense contractor community in forums with these Government agencies.

Membership in the CDCA enables each Defense contractor with business interests in the Lowcountry the opportunity to support the Defense community. CDCA also provides input on issues and initiatives to the broader community in areas such as education, small business mentoring, and Congressional liaison. The CDCA works with the Charleston Metro Chamber of Commerce. CDCA fills and important need to speak with one trusted voice for the Defense-related technology C4ISR segment of the regional business community.

Individual	Preferred Service Vendor (non-Defense Industry)	Small Business	Corporate	Platinum
$250.00	**$500.00**	**$500.00**	**$1,000.00**	**$2500.00**
1 designated POC	2 designated POC	2 designated POC	3 designated POC	5 designated POC
Complimentary attendance to SBIOI	Complimentary attendance to SBIOI for 2 employees	Complimentary attendance to SBIOI for 2 employees	Complimentary attendance to SBIOI for 5 employees	Complimentary attendance to SBIOI for all employees
Member Name, Email & Phone Number in the Member Index	All Company info and logo on CDCA Website	All Company info and logo on Member Index	All Company info and logo on Member Index	All Company info and logo on Member Index and Homepage
$25 Discount for annual CDCA Defense Summit registration	$50 Discount per attendee registration for annual CDCA Defense Summit	$50 Discount per attendee registration for annual CDCA Defense Summit	$75 Discount per attendee registration for annual CDCA Defense Summit	$100 Discount per attendee registration for annual CDCA Defense Summit
* Individual Meberships are non-transferrable	Discounted Sponsorship rate for Summit	Discounted Sponsorship rate for Summit	Discounted Sponsorship rate for Summit	Eligible for $1000 Summit Sponsorship discount (Gold Sponsorship or higher)
	Company information displayed in advertising brochure	Eligible for Contracts Industry Council	Eligible for Contracts Industry Council	Eligible for Contracts Industry Council
			Eligible to sit on Board of Directors	Eligible to sit on Board of Directors
			Eligible to apply for Summer Intern Program	Eligible to apply for Summer Intern Program
			Eligible to vote (BOD Elections, Bylaws, etc.)	Eligible to vote (BOD Elections, Bylaws, etc.)
			Company Logo Displayed on member slideshow at SBIOI	Company Logo Displayed on member slideshow at SBIOI
				Ability to introduce Speaker
				Company Logo Displayed on slideshow in lobby at SBIOI

Please Note:

All members are eligible to:
- Volunteer on Commitees
- Co-Chair a Committee

All designated POCs get:
- Access to Member Index on the website
- Contact information listed on website
- Added to CDCA email distribution list (POCs distribute to rest of company if Preferred Services Vendor level of higher)

Join now at **charlestondca.org/join-us-overview**

CDCA Board of Director Elections

- The CDCA is seeking candidates to serve on its Board of Directors.

- A Call for Nominees went out on 12 October 2021. Voting for the 2021 Board of Directors will begin in November 2021 and the winners will be announced at our Annual CDCA Defense Summit in December.

- You can help CDCA continue to advance its mission to advocate for, preserve, strengthen and grow the Charleston defense industry through partnerships and collaboration with stakeholders and our community. With the Strategy for 2025 being implemented, to include more partnering with NIWC and the State, and many new ideas on the horizon; CDCA needs and welcomes the enthusiastic participation of its members on the Board of Directors.

- Nominees must work for one of our Corporate or Platinum members in good standing. If you are not a Corporate or Platinum member, you can upgrade your company membership if you want to serve on the Board of Directors. Email membership@charlestondca.org to find out how.

- Our current Board of Directors can be found at the following link:

https://www.charlestondca.org/about-overview-page

Contracts Industry Council "CIC"

Purpose: To increase the degree of integration and quality of the business partnership between Naval Information Warfare Center, Atlantic (NIWC Atlantic) and Industry.

Call for CIC Nominations will go out in November 2021

Date	Sponsor	Size	Representative	
January 2022	CDCA	Small	Camila Anderson	Bowhead
June 2022	NCMA	Large	Scott Varn	SRC
January 2023	NCMA	Large	Lana Thomas	BAE
June 2023	CDCA	Small	Malcolm Potts	Amee Bay
January 2024	AFCEA	Large	Linda Resler	SAIC
June 2024	CDCA	Large	Sallie Sweeney	KPMG
Industry Team Leader	Special Member	Large	Manny Lovgren**	Orbis

Learn more about the "CIC" on the CDCA website:

http://www.charlestondca.org/about-the-cic

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Register by 6 Dec 2021 to get the Advanced Rate!

Dec. 7th-9th 2021
Charleston, SC

CDCA DEFENSE SUMMIT

REGISTRATION FEES: General Registration:

- **$600 – Advanced** (register between October 12 and December 6, 2021)

- **$650 – On-Site** (register after December 6, 2021)

- CDCA Members receive a discount
  (email: registration@charlestondca.org to get your member discount code)

- Government & Media receive complimentary registration
  (email: registration@charlestondca.org to get your complimentary code)

Some sponsorships and volunteer opportunities come with a complimentary registration, so be sure to check them out.

Email: registration@charlestondca.org or go to
https://www.charlestondca.org/cdca-summit-14 for more information on registration

These Sponsorship Opportunities are still available:

- The Hub Sponsorship
- Speaker Reception Sponsor
- Parking Sponsorship
- Swag Bag Sponsor
- Speed Networking Sponsorship

- Registration Sponsor
- Breakout Panel Sponsorship
- Gold Sponsorship
- Silver Sponsorship
- Bronze Sponsorship

Email: sponsors@charlestondca.org
or go to
https://www.charlestondca.org/cdca-summit-14
for more information on sponsoring.

CDCA DEFENSE SUMMIT

December 7-9, 2021

2021 CDCA Defense Summit Sponsors

Thank you to those who have already signed up to Sponsor at the 14th Annual CDCA Defense Summit.

Email: sponsors@charlestondca.org or go to https://www.charlestondca.org/cdca-summit-14 for more information on sponsoring.

Titanium Sponsors:
- Life Cycle Engineering
- SAIC

Collaboration Session:
- McAfee

Main Stage Sponsor:
- CACI International

Aisle Sign Sponsor:
- Lyme Technology Solutions
- Metronome Systems

Attendee Lanyard Sponsor:
- Akima

Hydration Station Sponsor:
- Systems Technologies, Inc.

Gold Sponsors:
- Booz Allen Hamilton
- Companion Data Services
- GRSi
- Invicti Security
- KBR
- L3Harris
- MFGS, Inc.
- Quest Public Sector
- Rubrik
- Scientific Research Corporation
- Sentar, Inc.
- Solarwinds
- WR Systems

Networking Happy Hour Sponsor:
- ITC Defense
- ManTech

Innovation Pitch Jam Stage Sponsor:
- Advanced Technology International (ATI)

Continuing Education Program Sponsor:
- GitLab

2021 CDCA Defense Summit Sponsors

Thank you to those who have already signed up to Sponsor at the 14th Annual CDCA Defense Summit.

Email: sponsors@charlestondca.org or go to https://www.charlestondca.org/cdca-summit-14 for more information on sponsoring.

Silver Sponsor:
- Bridge Commercial
- DeSeta Group
- Information Warfare Research Program (IWRP)
- MillerWilson Consulting LLC
- Modus21
- NOVA Power Solutions, Inc.
- Systems Technologies, Inc.
- TDI Technologies

Keynote Sponsor:
- Alluvionic
- BAE Systems
- KPMG LLP
- Peraton
- Red Hat, Inc.
- Systems Technology Forum, Ltd

Hand Sanitizer Sponsor:
- Bowhead

Lunch Sponsor:
- CGI Federal
- Tyto Athene

Mobile App Sponsor:
- VMWare

Breakout Panel Sponsor:
- Elasticsearch, Inc.

Q&A Sponsor:
- Indus Technology, Inc.

WiFi Sponsor:
- Resource Management Concepts

Coffee & Tea Service Sponsor:
- Engineering Services Network, Inc.

Speaker Reception Bar Sponsor:
- Guidehouse

CDCA Defense Summit is one of the largest defense-focused events on the East Coast, bringing together more than 1,000 Government, Military, Academia and Industry leaders to spark ideas, innovation, and solutions to our current and future National Defense digital challenges. This year marks the third annual pitch competition to be featured at the Defense Summit, December 7-9, 2021. This year's pitch jam will have TWO different opportunities to pitch your innovation to Government and Industry stakeholders at the 2021 Defense Summit.

Innovation Pitch Jam Overview

The Options:
Option 1 – General Topics Innovation Pitch Jam:
- Do you have a cutting edge product that can help the DoD achieve mission goals?
- Submit your innovative product for a chance to give a technical pitch on the exhibit floor during the Defense Summit.
- Gain more visibility, awareness, and exposure for your company and convince the audience why your product is the most innovative.
- Submissions are **due Nov.5, 2021** – download the rules and submission instructions here: https://www.charlestondca.org/innovation-pitch-jam

Option 2 – Palmetto Tech Bridge Prize Challenge (Submission deadline has passed)
Join us at the Summit to see who was down-selected!
- Down-selected companies give 2 presentations at the CDCA Defense Summit
  1. Private, "one-on-one" presentation to the Government
  2. Live presentation on stage in the exhibit hall of the Summit

Awards
Prize Challenge:
  1. Government - No guarantee of a Government award, but Government stakeholders will have options for getting funding to any solution they see fit
  2. Summit - Summit attendees will view the live Prize Challenge presentations and "vote" for "People's Choice Award"
Pitch Jam:
  1. Summit attendees will view the live Pitch Jam technical pitches and "vote" for the "Best In Show"

CDCA
Training Opportunities

December 7-9, 2021

For more information, email the CDCA Education & Workforce Development Committee at:

education@charlestondca.org

Who: Government Attendees, CDCA Members and Non-Members
* You do not have to register for the Summit to attend Training

What: In-Person Instructor-Led Trainings on topics such as:
* CMMC, RPA, DevSecOps, Zero Trust, Cloud Services, and others

When: December 7 – 9, 2021
4-hour blocks; 8am -12pm and 1pm - 5pm

Where: Charleston Convention Center, Meeting Rooms 6, 7 and 8

Why: PDUs and CEUs

How: To offer a training – please email education@charlestondca.org
To register for training – Training Registration to open Nov 1st

Mr. Pete Van
Chair
CDCA Small Business Committee
Charleston Defense Contractors Association

Introduction of morning Agenda and Speakers

59TH CDCA SBIOI AGENDA

08:00   Ms. April Nadeau, President
        Charleston Defense Contractors Association
        "CDCA Welcome and Opening Remarks"

08:15   Mr. Pete Van de Meulebroecke, Chair
        CDCA Small Business Committee
        "Introduction of morning Agenda and Speakers"

08:20   Mr. Peter Reddy, Executive Director, NIWC Atlantic
        "Command Update"

08:50   Q&A

09:00   Networking Break

09:10   Mr. Bruce Carter, SSTM, Shore C2ISR&I Department, NIWC Atlantic
        "Department Overview"

        Cal Stephens, Division Head, Defense Health Information Technology
        "Division level challenges and opportunities"

        Billy Rollins, Division Head, Industrial Controls Systems & Applications
        "Division level challenges and opportunities"

        Chris Litwin, Division Head, Special Reconnaissance, Surveillance, & Exploitation
        "Division level challenges and opportunities"

        Ed Layo, Division Head, Force Protection Solutions
        "Division level challenges and opportunities"

        Donovan Lusk, Division Head, Command and Operations Centers
        "Division level challenges and opportunities"

        Rick DeForest, Division Head, Air Traffic Control Engineering
        "Division level challenges and opportunities"

10:40   Q&A

10:50   Reverse Industry Panel

12:35   Lunch

We Want to Hear from You!

Congratulations to these Survey Gift Card Winners!

57th SBIOI:
Jacki Major, DIGITALiBiz

58th SBIOI:
Whitney Bridges, GRSi

In an effort to make each event as beneficial
to our attendees as possible,
we ask that you please complete this survey:

https://www.charlestondca.org/sbioi-survey

- Your feedback will help us provide you the best experience possible.

- The survey link will be emailed to all SBIOI attendees.

Please submit your survey by:
Friday, 22 Oct 2021
for a chance to win a **$50 gift card**.

Naval Information Warfare Center Atlantic

Charleston Defense Industry Association
59th Small Business and Industry Outreach
Initiative Symposium

19 October 2021

Mr. Peter C. Reddy, SES
Executive Director
NIWC Atlantic

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

NIWC Atlantic

Mission: Serving our Nation by delivering information warfare solutions that protect national security. Includes: communication systems (radios), networking systems (routers/switches), cyber operations (red team/forensics/network defense), intelligence, surveillance, reconnaissance (sensors/decision support applications), business systems (benefits/personnel) and information security.

Ship Systems

Submarine Comms

Vehicle IT Integration

Ballistic Missile Defense
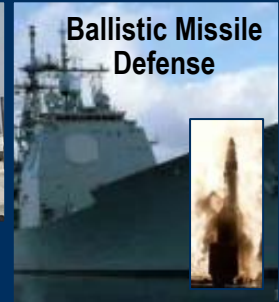
Vision: WIN THE INFORMATION WAR

Global Distance Support Help Desk

Cyber

Mobile C4I

DOD Component Enterprise Data Center

NIWC Atlantic At-a-Glance

Major CONUS Locations

Total Facilities: 79 bldgs, 1.36M sq ft

Other Locations

CONUS
Fayetteville, NC
Pax River, MD
Kings Bay, GA
Mayport, FL
Groton, CT

OCONUS
Stuttgart, Germany
Naples, Italy (OIC)
Bahrain (OIC)

Major Location Gov't (Mil)

National Capital Region *231 (0)*

Hampton Roads, VA (OIC) *906 (93)*

Charleston, S.C. *3,333 (14)* NIWC Atlantic HQ

New Orleans, LA (OIC) *256 (6)*

- **Hampton Roads, VA**
  Ship and Submarine installations, upgrades and IT support

- **New Orleans, LA**
  Develop and support software programs that help our warfighters with pay and benefits

- **National Capital Region** Gather and understand information that keeps our warfighters and nation safe

- **Other CONUS/OCONUS**
  Supports our warfighters with IT and information warfare capabilities

Navy Working Capital Fund (NWCF) Organization.

Relying on sales revenue rather than direct Congressional appropriations to finance its operations

FY 2021

- **$3.97B Total Obligation Authority**

- **$1.896B Total Small Business eligible dollars**
  - 50% SB
  - ~280 SBs
  - 93% Competition

- **New Orders**
  - 59% Naval
  - 35% Joint
  - 6% Non DOD

- **Workforce FTEs**
  - 72% Naval
  - 24% Joint
  - 4% Non-DOD

- **5 Departments**
  - 103 IPTs
  - 510 Projects

- **5,014 Gov't, 119 Mil ~9K Ctr (FY21)**
  - 113 New Professionals (FY21)
  - 124 Student Interns (FY21)
  - 15 Senior Scientific (FY21) Technical Mgrs. (SSTMs)
  - Educational Levels (FY 21)
    - 59 PhDs
    - 1,334 Masters
    - 2,213 Bachelors

- **Top Sponsors (68% FY21)**
  - NAVWAR & PEOs
  - NAVSEA & PEOs
  - Defense Health
  - MARCORSYSCOM
  - DARPA

- **Top Occupational Series (60% FY21)**
  - IT Specialist (22 %)
  - Computer Scientist (12%)
  - Electronics Engineer (11%)
  - Electronics Tech (9%)
  - Mgmt & Prog Analyst (7%)

Driving integration and interoperability into Naval Capabilities

Joint Base Charleston Presence
Critical Lab Infrastructure — Sea/Rail/Air Access

Naval Information Warfare Center ATLANTIC

NIWC Atlantic CHS:
- 3,333 Gov't
- 14 Military
  79 bldgs, 1.36M sq ft

Weapons Station JBC
- Army Field Support Battalion Charleston (AFSBn-CHS)
- 841st Transportation Battalion

Poseidon Park Electromagnetic Interference (EMI) Testing

DOD Component Enterprise Data Center (Located in Charleston and New Orleans)

NIWC Atlantic HQ, Main Engr. Center

Satellite Comms Software Defined Radio & RF Testing

Air Force Base JBC
- 628th Air Base Wing
- 437th / 315th Airlift Wings

South Annex

Cyber Forensics and Data Recovery Labs

Common Submarine Radio Room production and testing

Former CHS Naval Shipyard

Electromagnetic and Environmental test labs / Anechoic Chamber

Air Traffic Control

Vehicle C4I Integration Facility

Expeditionary Systems Integration and Innovation Center Bay

Surface Ship Test and Integration Facility

Expeditionary Systems Integration and Innovation Center (ESIIC) Bay

Refurbished expeditionary building (198) supports faster technology transition to the warfighter.

Serves the Navy and Marine Corps as it transitions into an interactive, collaborative, flexible and modernized digital laboratory

- Laydown areas for prototyping and design development

- 130 mobile electrostatic-dissipative workbenches

- 3,500 linear feet of cable tray, mechanical upgrades and modular electrical busway

- Marine Corps Enterprise Network (MCEN) access

- Configurable training rooms with video teleconferencing capabilities

- Unclassified 24-rack network room

Inside NIWC Atlantic's Expeditionary Warfare Department headquarters building in the old Navy Yard

Full story go to: NIWC Atlantic's Refurbished Expeditionary Building Supports Faster Technology Transition to Warfighter – NIWC Atlantic (navy.mil)

Department and Sponsor Alignment
Delivering within the Full Range of Naval & Joint Operations

Departments	Major Sponsors		

Fleet C4I and Readiness
 	
Greg Lancaster, SSTM
	• PEO C4I/SS
	  – PMW 120
	  – PMW 130
	  – PMW 150
	  – PMW 160
	  – PMW 170
		– PMW 740
		  – PMW 750/760
		  – PMW 770
		  – PMW 790
			• FRD
			• NAVSEA
			• NAVAIR
			• USCG
			
			• Fleet Cyber
			• Numbered Fleets

Expeditionary Warfare Ashlee Landreth, SSTM	• MARCORSYSCOM/PEO LS • SOCOM • MCCDC/MCWL		• FMF • U.S. Army • U.S. Air Force

Enterprise Systems
 	
Patrick Fitzgerald, SSTM
	• PEO MLB Portfolios
	  – My Navy HR IT Solutions Services
	  – Navy ERP Financial IT Services
	  – Logistics IT Services
	  – Logistics Integration Information Solutions Services
	  – Applications Services
	  – Data Transformation Services
	  – Enterprise Systems & Services & Innovation Support Services
			• PEO DES Portfolios
			  – Platform Application Services
			  – Digital Workplace Services
			  – Infrastructure Services
			  – Cyber & Operational Services
			  – End User Hardware Services
			  – Strategic Sourcing Services
			  – SAP Services
			  – Public Safety Systems

Shore C2ISR and Integration Bruce Carter, SSTM	• Defense Health Agency • Commander, Navy Installations Command • Marine Corps Installations Command		• Naval Air Systems Command • Naval Facilities Engineering Command • Defense Logistics Agency Energy
Science and Technology Dr. Suzanne Huerth, SSTM	• Defense Advanced Research Projects Agency (DARPA) • Office of Naval Research (ONR)		• Office of the Secretary of Defense (OSD) • Navy Tactical Exploitation of National Capabilities (TENCAP)

8 Technology Focus Areas (TFAs) to Achieve Technology Goals

Technology Strategy and TFA analysis **drives work acceptance** and lab/facility infrastructure allocations and tools.

Artificial Intelligence: Provide warfighters with analytics-driven, data-informed, and technology-empowered capabilities to drive decision advantages and optimal mission outcomes.

Assured Communications: Addresses the demand for resilient, and sometimes covert, wired and wireless communications in degraded and/or denied environments.

Cloud Computing: IT modernization and digital transformation for resilient infrastructure, platform and software services.

Cybersecurity: Provides protection from unauthorized use of and/or defends electronic data, hardware, software from disruption or of the services they provide.

DevSecOps: Refers to replacing siloed Development, Security and Operations to create multidisciplinary teams that collaborate with shared and efficient practices and tools.

Mobility: Provide Wireless Technology and enterprise access for the warfighter to engage with a mobile environment and applications, anytime, anyplace.

Model-Based Systems Engineering (MBSE): Technologies used to support the development, management and application of virtual constructs of varying fidelity across the spectrum of systems engineering.

On-Demand Manufacturing: Produce products and/or components, when or as they are required at the point of use, using additive and/or traditional manufacturing methods.

How the Navy Working Capital Fund Operates

▼ The NWCF is not funded via Congressional appropriations to finance its operations

▼ Customers send reimbursable orders to the NWCF providers

▼ NWCF activities operate on a Customer/Provider basis

▼ NWCF providers furnish the services or products, pay for expenses incurred, and bill the customers

▼ Improves cost awareness, promotes cost consciousness

▼ Mirrors private sector operations, identifies full cost

NIWCs receive initial cash Corpus for start-up
(Cash balance is held at DON Level)

Customers send reimbursable orders *(work requests or project orders) to NIWCs*

NIWCs provides the services or products

NIWCs pays for expenses incurred and bills the customers

NWCF operates like a business with a break even goal.

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78th Secretary of the Navy Message to the Fleet

10 August 2021
To our Sailors, Marines, civilian employees, and their families and loved ones:

Secretary of the Navy

Carlos Del Toro

Today, together, we again embrace the most sacred duty – defending our nation and working to build a world more defined by peace than conflict.

I join you as someone who loves the Navy – who spent twenty-six years in uniform and another seventeen striving to make sure you had the capabilities you needed to fulfill your mission effectively and safely. Serving you as your 78th Secretary of the Navy is a high honor. It also carries grave responsibilities to which I will dedicate all my skill and devotion.

You should also know I have a bias for action.

Our Navy and our nation face critical challenges on multiple fronts.

Like Secretary Austin, I view our most pressing challenges as the four Cs - China, Culture, Climate, and Covid, and we need the resources and capabilities to address each now.

China is determined to reduce our military superiority. We will not let this happen. We will deter China's aggression, protect our national security, and preserve the peace. Our determination, our skill, and our courage will demonstrate our strength and conviction.

Culture comes down to one goal. Every Sailor and Marine – of all races, genders, religions, and ethnicities – must treat one another with dignity and respect. This is not just about doing the right thing. It is about ensuring our Navy and Marine Corps will be the most talented, most combat ready, most committed force possible.

Climate change exacerbates every challenge we face, from naval installations to frequent deployments. It is also a global struggle for resources that demands ingenuity and innovation. It demands solutions that mitigate climate damage while ensuring our operational success and competitive edge.

Lastly, we must combat Covid. This means we must continue to vaccinate our naval forces with expedience. If we are not vaccinated, we are neither deployable nor combat ready. Immediately, the Navy and Marine Corps will make every effort to vaccinate and care for our force and defeat the scourge Covid has inflicted on our troops.

Both our nation's security and your success as Sailors and Marines require your enthusiastic, unwavering commitment. We will succeed or fail together. Accordingly, with a leadership ethos forged as a Destroyer Captain, I will strive to be direct and transparent with you about what we need to accomplish together.

Please know your safety and welfare will always be paramount to me, and I will work tirelessly with you to meet the challenges that lie ahead.

To do this, we must possess the resources needed to expand our capabilities. I will make that my top priority. I am committed to ensuring you have the tools and training you need to succeed. Just as I am committed to confronting our maintenance backlog, managing our operational requirements, and building our Navy of the future.

When I began my Navy career over 40 years ago, as a midshipman at the U.S. Naval Academy, I looked up to then Secretary of the Navy Edward Hidalgo. Like me, he was an immigrant to this nation and, like me, his experience taught him why the world needs a strong United States Navy. Most of all, I understood that while I served our nation, he also served me.

The same is true today. I am your Secretary of the Navy Marine Corps Team focused on your and our collective promise to our Constitution and nation.

We will succeed together. It has never been more important that we do.

Finally, a personal note. My wife Betty and I well understand the sacrifices your loved ones make and how crucial they are to our success. We are both honored to be back once again working shoulder-to-shoulder with you. We look forward to getting out to the Fleet and meeting you all soon.

Full Speed Ahead.

Very Respectfully,

Carlos Del Toro

China, Culture, Climate, Covid

Advantage at Sea: Tri-Service Maritime Strategy
Working together to maintain our advantage at sea

Naval Information Warfare Center ATLANTIC

Advantage at Sea

Prevailing with
Integrated All-Domain Naval Power

December 2020

https://media.defense.gov/2020/Dec/17/2002553481/-1/-1/0/TRISERVICESTRATEGY.PDF/TRISERVICESTRATEGY.PDF

Our national security and prosperity depends on the U.S. Navy, Marine Corps and Coast Guard

Five themes

1) **Generate Integrated All-Domain Naval Power**
   Produce a more competitive, more lethal total force.

2) **Prevail in day-to-day competition**
   Assertively contest actions that infringe upon the free and open use of the maritime environment.

3) **Control the seas**
   We can no longer assume unfettered access to the seas in conflict.

4) **Strengthen alliances and partnerships**
   Like-minded nations is a key strategic advantage over rivals. We must invest in these relationships.

5) **Modernize the future force**
   Develop a modernized naval force with sufficient size and capability to compete effectively, deter aggression, and, if required, decisively win in conflict.

Our actions will shape the maritime balance of power for the rest of this century

CNO NAVPLAN — To deliver the naval power America needs to compete and win

https://media.defense.gov/2021/Jan/11/2002562551/-1/-1/1/CNO%20NAVPLAN%202021%20-%20FINAL.PDF
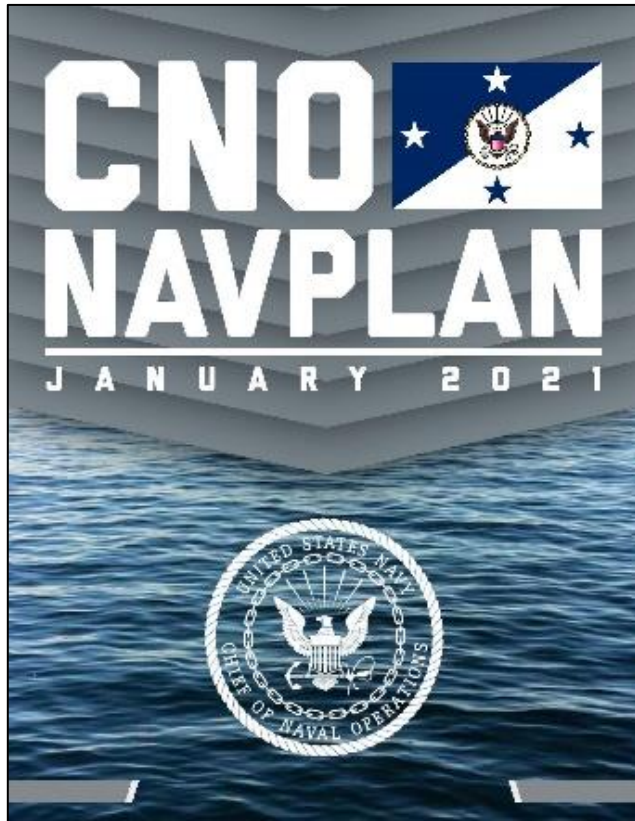
Embrace the urgency of the moment

Four key areas

Sailors: Develop a Seasoned Team of Naval Warriors

**Readiness:** Deliver a More Ready Fleet

Capabilities: Delivering a More Lethal, Better-Connected Fleet

Capacity: Deliver a Larger, Hybrid Fleet

Delivering emerging capabilities at speed and scale requires every member of our Navy team, including our industry, academic, and research partners

38th Commandant's Planning Guidance (CPG)
For a naval expeditionary force-in-readiness
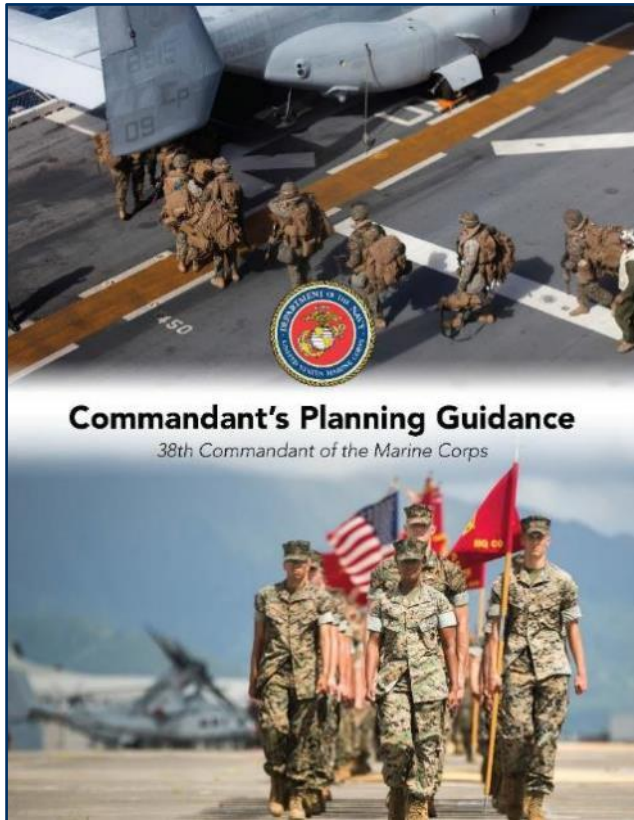
Commandant's Planning Guidance
38th Commandant of the Marine Corps

Prepared to operate inside actively contested maritime spaces

Five priority focus areas:

- **Force design**
- **Warfighting**
- **Education and training**
- **Core values**
- **Command and leadership**

"in support of fleet operations. In crisis prevention and crisis response, the Fleet Marine Force – acting as an extension of the Fleet – will be first on the scene, first to help, first to contain a brewing crisis, and first to fight if required to do so."

As good as we are today, we will need to be even better tomorrow to maintain our warfighting overmatch.

Frederick J. (Jay) Stefany
# ASN(RDA) (Acting) Guidance

Focus Areas

- Align & accelerate the RDT&E enterprise to focus on the future fight
- Develop an agile, inclusive, and diverse workforce
- Improve acquisition discipline with rigor
- Stabilize and transform the DON's industrial base and supply chain
- Institutionalize weapon system sustainment

Key Stakeholders

- DON Workforce
- American Public
- Industrial Partners and Academia
- Congress
- International Partners
- DOD and Interagency Partners

RDA Support to National Defense

- Provide improved readiness and cutting-edge capabilities to the warfighter to ensure the balance of power in strategic competition remains in our favor.

Frederick J. "Jay" Stefany
Acting ASN(RDA)

- Advance nuclear modernization to sustain a strategic deterrent that is safe, secure, and effective.

- Develop the next generation of scientists and engineers to advance an international order that is conducive to collective security and prosperity.

- Remain a force multiplier for US security around the world by providing allies and partners with Foreign Military Sales and international security cooperation.
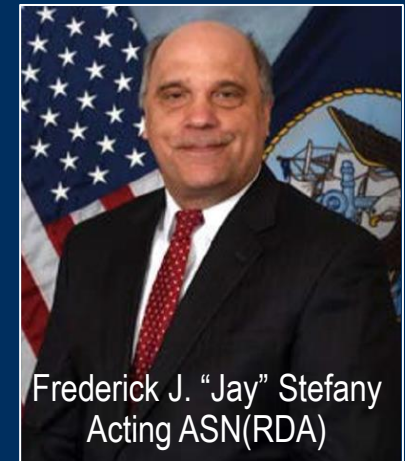
COVID-19 Vaccine Mandate - Contractors

▼ Inclusion of DFARs Clause 252.223-7999, Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors (DEVIATION 2021-O0009)

- Bilateral Mass Mods for Internal IDIQ Contracts (approx. 75% completed)

- Bilateral Mass Mods for SeaPort NxG – NAVSEA completing (approx. 50% completed (w/ Active orders))

- Bilateral Mods for applicable Existing Orders/ "C" Contracts – at next Option Exercise or Period of Performance (PoP) extensions

- Applicable awards and new solicitations

▼ DFARs Clause 252.223-7999 provides guidance to contractors to refer to the following website: www.saferfederalworkforce.gov/contractors

- Contains FAQs

- Indicates Covered Contractors must be vaccinated by 8 Dec 2021

- Identifies requirement to flow down to all subcontractors

- No further amplifying guidance available

Information Warfare Research Project

Mission to foster collaboration between Government, Industry and Academia to identify, develop and demonstrate the enabling technologies necessary to enhance the Navy and Marine Corps mission effectiveness in the field of Information Warfare.

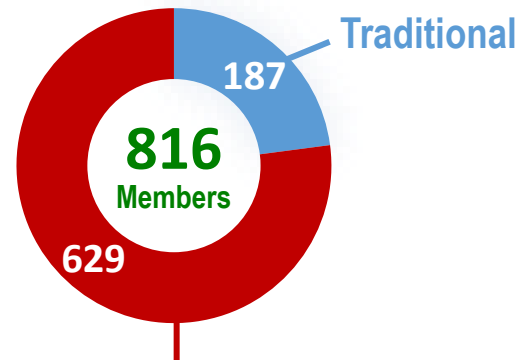**The first Naval Consortium to have successful prototypes transitioned to production.**

IWRP2 re-compete in progress.

Consortium Membership Spans 37 States

Since Oct FY19 1048+ Structured collaboration engagements between industry and the government
Become a member https://www.theiwrp.org

816
Members

Traditional 187

629

77% **Nontraditional Industry bases** allows access to move innovative capabilities

Sep 2021

$500M
Ceiling

106 prototypes ($304M)
Awarded

12 Production ($622.5M)
Awarded

61% (65 of 106)
Awarded to Non-Traditionals

$2.8M
Average Prototype Award

48
Industry Day & CMF Events

Advancing Naval Information Warfare Through Rapid Prototyping on a Global Scale

Tech Bridges

NavalX serves as DON workforce "super-connector," focused on scaling nontraditional agility methods across the regional and DON workforces to solve dual-use technical challenges.

▼ The approach is to connect to pockets of excellence to capture and scale the methodologies being employed, increasing awareness of cross-DoD and external successes, lessons learned, and subject matter experts.
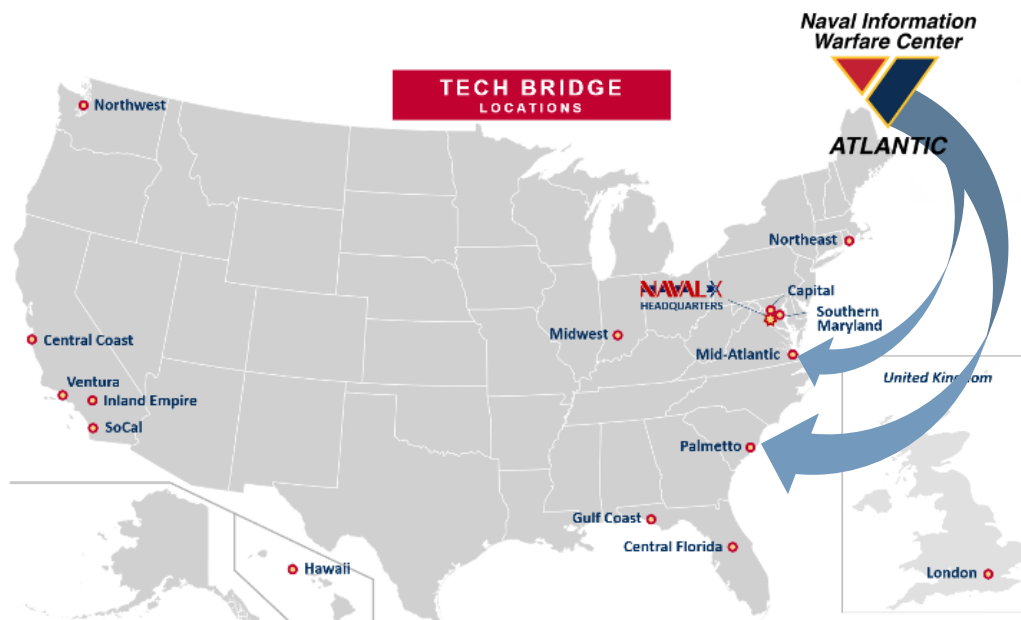
Regional naval innovation ecosystems centered around the NIWC Atlantic labs that support greater collaboration with academia, States, and industry on projects with Naval Information Warfare relevance

Ecosystem — Palmetto Tech Bridge

▼ **Focus on technology areas that address both Naval and SC partners problems/interests**

- Cyber Systems
- Autonomous Systems
- Advanced Communications (5G)
- Advanced Manufacturing

▼ **Stakeholders**

- NIWC Atlantic
  - Sponsors – PEO, SYSCOMS
- Other DoD and Federal Agency labs
- South Carolina
  - CDCA, Chas. County, UofSC
  - Non-traditional partners
  - Entrepreneurial community
  - Private investment
  - State agencies and cities

▼ **Engagement/Outreach Strategy**

- Technology Challenges
  - Prize Challenges, OTA, CRADA,
  - "One-to-many" strategy
- Collaboration events – Tech Tuesday
  - Opportunity for companies to show off their capabilities
    - Business case assessment
    - Tech scouting information / opportunities
- Outreach events – SBIR, H4D, webinars, Entrepreneur training, etc.
  - NIWC Employees
  - Non-Federal partners
- Hosting STEM events
- Internships/sabbaticals

▼ Successes to date
- Built partnerships
  - Funded Partnership Intermediary Agreement (PIA) (with SCRA and future SC MEP)
  - Charleston Defense Contractor Association, SC Business Incubator Association
- Refined and initiated first Technical Challenge – Network And Data Center Intelligent Assistant (NADIA)
  - Completed Problem Curation, RFI, NISE R&D, CDCA Cong. Add, IWRP
- Initiated second Technology Challenge – Autonomous Systems
  - Completed Problem Curation
- Established engagement tools and activities
  - Prize Challenge – 3 Awards
  - Podcasts, interview, web Portal, etc. to reach out to non-traditional industry partners
  - Outreach to other Federal Labs and innovation regions – DOE, USAF, OSD, Team Redstone
  - Linking PTB events with Regional events
- Identified off-site locations to lower the barrier for collaboration and engagement
  - Developing DevOps, 5G T&E, and other off-site capabilities

Cultivating the Next Workforce & Engaging with our Communities

Naval Information Warfare Center ATLANTIC

In response to COVID-19 NIWC Atlantic quickly reorganized the STEM Program to produce first ever virtual events, many open to students across the country
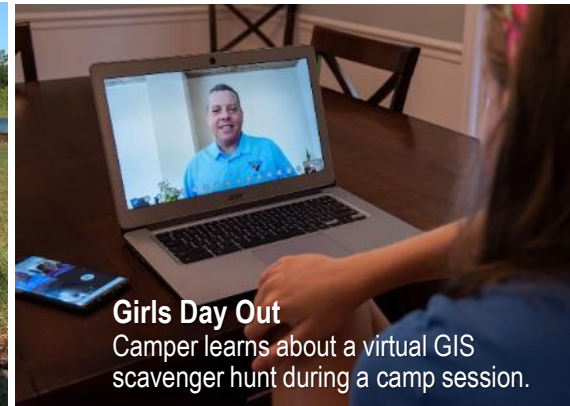
- Career Fairs
- STEM Clubs
- Robotics
- GIS Week
- Palmetto Cyber Summer Camp
- Girls Day Out Summer Camp
- STEM Mobile Apps / Summer Interns

FY20 Community Impact & Volunteerism

- 71,000+ Students Served
- 300+ Volunteers
- 5,100+ Total Hours*
- 103 First Robotics Teams
- 11 Educational Partnership Agreements

Cyber Camp Students learned to make water rockets via one of the virtual sessions.

Girls Day Out Camper learns about a virtual GIS scavenger hunt during a camp session.

STEMFest

Palmetto Cybersecurity Summer Camp

STEM Mobile Apps
The Official Charleston STEMFest Mobile APP
Park Map
Events Schedule
Exhibitors
Performers
Career Concourse
Early Childhood Education

Career & Science Fairs — Cyber Defense Competitions — Cybersecurity Summer Camp — Distinguished Gentlemen Club — Educators in Industry Program — Essay Contests — Feed the Feds Food Drive — FIRST Robotics Leagues — Geographic Information Systems (GIS) — Girls Day Out — Habitat for Humanity — Lunch Buddies — Navy Family Services — Job Shadows & School Tours — SeaPerch — STEM Festivals — STEM Mobile Apps — Toastmasters — Toys for Tots Campaign — Trident Day of Caring — VA Homeless

![Naval Information Warfare Center ATLANTIC logo]

Serve our Nation by delivering information warfare solutions that protect national security.
WIN THE INFORMATION WAR.

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Web: https://www.niwcatlantic.navy.mil — Facebook: https://www.facebook.com/NavalInformationWarfareSystemsCommand
Twitter: https://twitter.com/navwarHQ — Instagram: https://www.instagram.com/navwar_usnavy/ — LinkedIn: https://www.linkedin.com/company/navwar/
Employment opportunities: https://www.usajobs.gov/ — NIWC Atlantic Small Business: https://www.niwcatlantic.navy.mil/for-industry/
NAVWAR Contract Directorate Office: https://e-commerce.sscno.nmci.navy.mil

Naval Information Warfare Center

ATLANTIC

Questions ?

Naval Information Warfare Center Atlantic

Shore C2ISR & Integration Department
Introduction and Overview

Charleston Defense Industry Association
**59th Small Business and Industry
Outreach Initiative Symposium**
19 October 2021

Mr. Bruce Carter, SSTM
Shore C2ISR & Integration
Department Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

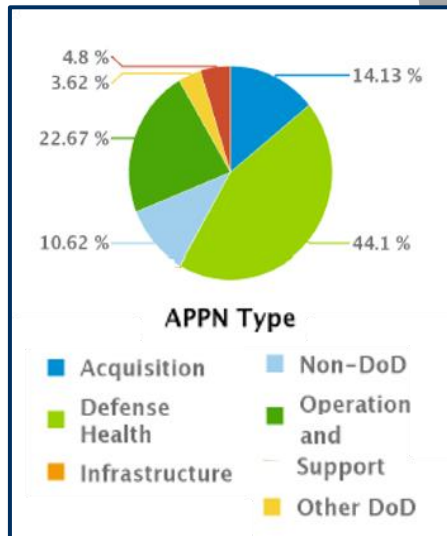# Shore C2ISR & Integration Department Overview

Who We Are and What We Do

The Shore C2ISR and Integration Department engineers critical IT solutions for **Navy and Marine Corps forces, other Department of Defense (DoD) components**, and **federal agencies**.

From cyber forensics to command and operations centers, we maintain a bold framework of innovation and technical capabilities. From air traffic control engineering to Industrial Control System solutions, we field capabilities that deliver enhanced command and control and improved efficiency. Our reconnaissance, surveillance, and exploitation solutions provide the Navy and Joint Warfighter with insight into our adversaries' actions, intentions, and locations. Our defense health systems deliver automated medical capabilities on the battlefield, in the air, on land, and at sea. Force protection solutions deliver advanced situational awareness and command and control solutions for 24/7 protection to U.S. military bases and installations as well as critical U.S. government facilities, protecting personnel, assets, and resources at home and overseas.

With numerous Integrated Product Teams (IPTs) that engineer and field systems and solutions supporting operational forces deployed overseas and readiness missions stateside, the Shore C2ISR & Integration Department contributes to our nation's defense each and every day.

Key Products and Services

- Anti-terrorism/force protection systems
- Command and control systems
- Intelligence, Surveillance and Reconnaissance systems
- Command and Operations Centers engineering
- Aviation command and control systems
- Military/federal Air Traffic Control systems
- Meteorological forecasting and observation
- Military health IT applications, infrastructure, data management, and security
- DoD Electronic Health Record engr. and testing
- Cyber forensics
- Cybersecurity
- U.S. Strategic Command-accredited Red Team
- Cyber vulnerabilities assessments and tests
- Big data analytics
- Mobility solutions
- Cloud engineering
- Supervisory Control and Data Acquisition (SCADA) systems

Shore C2ISR Department At-a-Glance

NIWC Atlantic At-a-Glance

Supported Office Locations include: NCR, CHS, NOLA, HR, Stuttgart, Naples

APPN Type

- 14.13 %
- 4.8 %
- 3.62 %
- 22.67 %
- 10.62 %
- 44.1 %

Legend:
- Acquisition
- Defense Health
- Infrastructure
- Non-DoD
- Operation and Support
- Other DoD

Unique Labs and Capabilities

- Cyber Security Service Provider / Cyber Operations Laboratory
- Marine Corps Installations Command Electronic Security Systems
- Cyber Forensics Criminal Investigations Laboratory
- Air Traffic Control Systems Engineering Laboratory
- Industrial Controls Systems Laboratory
- Antarctic Remote Operations Facility Air Traffic Control Laboratory
- Command and Operations Center Lab
- Classified National Intel Laboratory
- Joint Strike Fighter ODIN / ALIS

FY 2021

- **Future Focus areas include:**
  - Artificial Intelligence (with focus on Cyber Security)
  - Mixed Reality/Virtual Reality (with focus on distance Support)
  - Automated testing supporting Verification/Validation
  - 5G / Robotics Integration
  - Internet of Things edge computing and management of data sources

- **$1.03B in Total Obligation Authority**
  - $786M in New Orders

- **$560M in Procurement Awards**
  - 31 Service MACs
  - 27 Single Awards
  - 82 Supply MACs
  - 659 Modifications

- **New Orders**
  - 66% Joint
  - 28% Naval
  - 6% Non DOD

- **Workforce FTEs**
  - 58% Joint
  - 38% Naval
  - 4% Non-DOD

- **Department Structure**
  - 838 FTEs
  - 6 Divisions
  - 25 IPTs
  - 120 Projects

- **Top Sponsors**
  - Defense Health
  - Naval Installations CMD
  - Dept. Homeland Security
  - NAVAIR & PEOs

- **Top Occupational Series (75%)**
  - IT Specialist (27%)
  - Electronics Engineer (20%)
  - Computer Scientist (14%)
  - Electronics Tech (8%)
  - Computer Engineer (6%)

Map labels: San Diego NAVWAR HQ / NIWC Pacific HQ, National Capital Region, Hampton Roads (OIC), Charleston, NIWC Atlantic HQ, Tampa, New Orleans (OIC), Stuttgart, Rota, Naples (OIC), Bahrain (OIC), Antarctica Forward Deployed

Shore C2ISR & Integration Department Overview

Mission

Enable Naval and Joint Readiness by providing integrated Command, Control, and Intelligence products and services that allow for secured mission execution through sound engineering and implementation.

Vision: Delivering Engineered Shore C2ISR solutions that matter to the Warfighter and nation.

Major Customers

- **Commander, Navy Installations Command**
- **Marine Corps Installations Command**
- **Naval Air Systems Command**
- **Naval Facilities Engineering Command**
- **Defense Health Agency**
- **Defense Logistics Agency Energy**

Divisions

- **Defense Health Information Technology**
- **Industrial Controls Systems and Applications**
- **Special Reconnaissance, Surveillance and Exploitation**
- **Force Protection Solutions**
- **Command and Operations Centers**
- **Air Traffic Control Engineering**

Naval Information Warfare Center

ATLANTIC

SHORE C2ISR & INTEGRATION DEPARTMENT
01B60
Bruce Carter

Deputy
Kevin Gerald

01B61	01B62	01B63	01B64	01B65	01B66	61000
Defense Health Information Technology Division Cal Stephens	**Special Reconnaissance, Surveillance, & Exploitation Division** Chris Litwin	**Force Protection Solutions Division** Ed Layo	**Industrial Controls Systems & Applications Division** Billy Rollins	**Air Traffic Control Engineering Division** Rick DeForest	**Command & Operations Centers Division** Donovan Lusk	**Operations Manager / 61 Sr. Manager** Mike Harkins

01B61 — Defense Health Information Technology Division — Cal Stephens
- Medical Information Delivery IPT
- Health Systems Infrastructure IPT
- Health Systems Security Engineering IPT
- Defense Health Cybersecurity & Risk Management IPT
- Medical Operational Engineering IPT
- Clinical Infrastructure Modernization IPT
- Defense Health Readiness Engineering IPT
- Defense Healthcare Management Systems IPT
- Cyber Security Service Provider IPT

01B62 — Special Reconnaissance, Surveillance, & Exploitation Division — Chris Litwin
- Air & Space IPT
- Integrated National Intelligence Systems IPT
- Joint Force Mission Systems IPT

01B63 — Force Protection Solutions Division — Ed Layo
- Naval Anti-Terrorism/ Force Protection IPT
- Presidential / Joint Systems & Applications IPT
- USMC Electronic Security Systems IPT
- Naval Enterprise Solutions IPT

01B64 — Industrial Controls Systems & Applications Division — Billy Rollins
- SCADA IPT
- Industrial Controls Systems Sensors IPT

01B65 — Air Traffic Control Engineering Division — Rick DeForest
- Polar Programs IPT
- Shore ATC IPT
- ATC Special Programs IPT
- METOC IPT

01B66 — Command & Operations Centers Division — Donovan Lusk
- Naval Command and Operations Centers IPT
- Joint Command and Operations Centers IPT
- Naval and Joint Europe IPT

61000 — Operations Manager / 61 Sr. Manager — Mike Harkins
- 611 ATC / ICS&A
- 612 / SR PMs
- 613 / FPS / C&OC
- 615 / DHIT

43

Naval Information Warfare Center Atlantic

Defense Health Information Technology Division
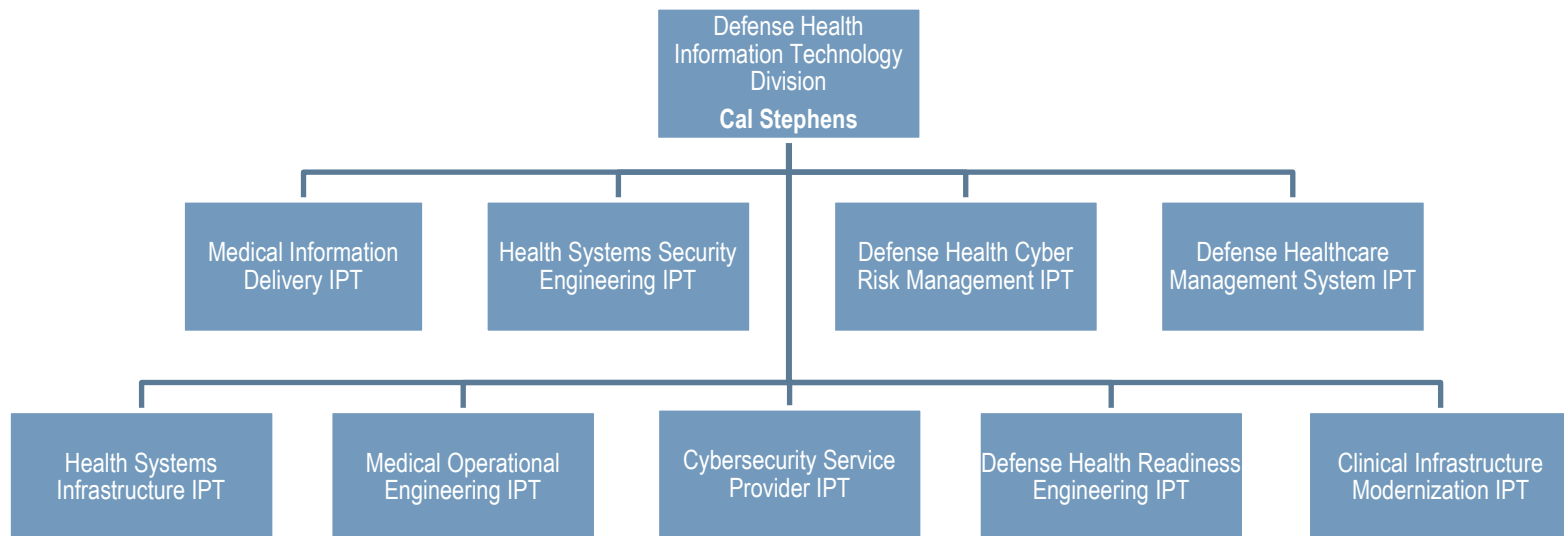## Challenges and Opportunities

Charleston Defense Industry Association
**59th Small Business and Industry
Outreach Initiative Symposium**
19 October 2021

Mr. Cal Stephens
NIWC Atlantic
Defense Health Information
Technology Division Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Defense Health Information Technology Division

Defense Health Information Technology Division – What We Do

Enable the Military Health System (MHS) to achieve a ready medical warfighting force and medically ready information technology (IT) systems, environments, and services for all military and civilian beneficiaries that increase readiness, provide better healthcare, and lower cost.

```
                        Defense Health
                    Information Technology
                           Division
                         Cal Stephens
```

- Medical Information Delivery IPT
- Health Systems Security Engineering IPT
- Defense Health Cyber Risk Management IPT
- Defense Healthcare Management System IPT

- Health Systems Infrastructure IPT
- Medical Operational Engineering IPT
- Cybersecurity Service Provider IPT
- Defense Health Readiness Engineering IPT
- Clinical Infrastructure Modernization IPT

Defense Health Information Technology Division
Overview

Primary Customers

- Defense Health Agency (DHA)

- Program Executive Office Defense Healthcare Management Systems (PEO DHMS)

- Navy Bureau of Medicine and Surgery (BUMED)

What We Provide

- Cybersecurity Service Provider (CSSP) and DHA Cyber Operations Center
- DHA Data Center Operations to include Cloud Services engineering/support
- DHA Enterprise Clinical Infrastructure Modernization
- DHA Enterprise Network Operations
- DHA Medical Information Delivery – data warehousing, big data analytics, informatics, clinical decision support, enterprise data management
- DHA Medical Community of Interest (Med-COI) Enterprise Medical Network
- Legacy Medical System consolidation and de-commissioning
- LAN/WLAN Engineering and Implementation (cable plant and electronics)
- Cybersecurity and information assurance services (RMF and IAO/IAM Support)
- MHS GENESIS Electronic Health Record (EHR) (garrison and operational theater) engineering, cybersecurity, testing, interoperability, IT infrastructure standardization, modernization, centralization
- Theater Medical Information Program (TMIP) legacy systems support (Navy, Marine Corps, Air Force, Military Sealift Command)

Challenges and Opportunities

▼ Pain points / Areas for Industry Support

- Cybersecurity Service Provider (CSSP) support in multi-cloud (SaaS/PaaS) environments

- Artificial Intelligence to assist in triage or reduction cybersecurity alerts for CSSP

- Delivery of outstanding defensive cyber operations in a cost efficient manner in light of the challenges of telework and an increasingly costly/scarce workforce

- Developing and then evaluating new architecture for compute and storage refresh for DHA Compute and Storage Management System (CSMS)

- Continue to develop/optimize existing CI/CD pipeline and support new customer onboarding

Naval Information Warfare Center Atlantic

Industrial Control Systems and Applications Division
Challenges and Opportunities

Charleston Defense Industry Association
59th Small Business and Industry
Outreach Initiative Symposium
19 October 2021

Mr. Billy Rollins
NIWC Atlantic
Industrial Control Systems and
Applications Division Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Industrial Control Systems and Applications Division

Industrial Control Systems and Applications Division – What We Do

Provide worldwide Industrial Control Systems Engineering and technical support to deliver secure, reliable, and effective total Industrial Control System (ICS) solutions to Joint Forces.

Industrial Control Systems and Applications Division

Billy Rollins

ICS Supervisory Control and Data Acquisition IPT

ICS Sensors IPT
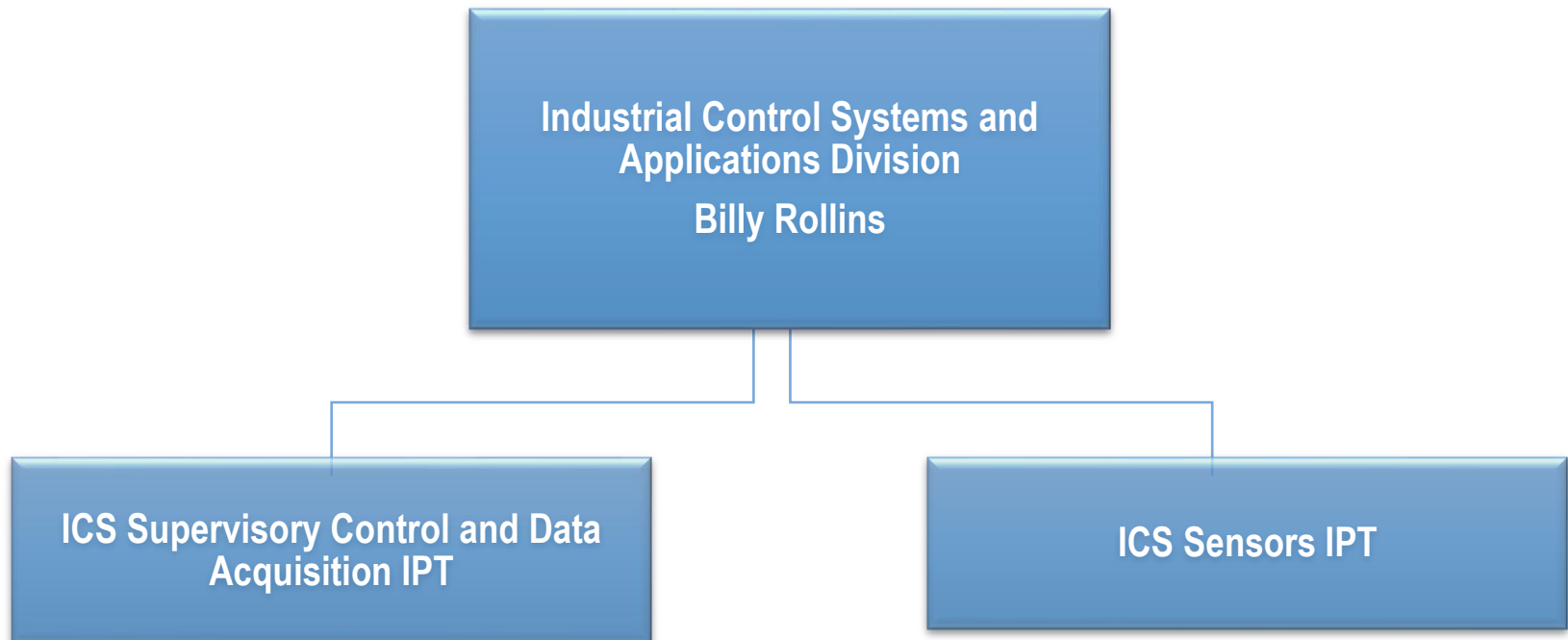
Industrial Control Systems and Applications Division
Overview

Primary Customers

- Defense Logistics Agency
- NAVFAC
- USCG

What We Provide

- Cybersecurity of Industrial Control Systems
- Industrial Control System Solutions – Design, Engineering, Installation, and Integration
- Industrial Control System Monitoring, Configuration Management, and Sustainment
- Validation and Modernization of ICS Secure Capabilities
- DLA's designated Execution Agent

Challenges and Opportunities

▼ Pain points / Areas for Industry Support

- Cybersecurity expertise with Facility Related Control Systems (Utility Control Systems, Building Control Systems, etc.)
- Smart Warehousing

Naval Information Warfare Center Atlantic

Special Reconnaissance, Surveillance and Exploitation Division
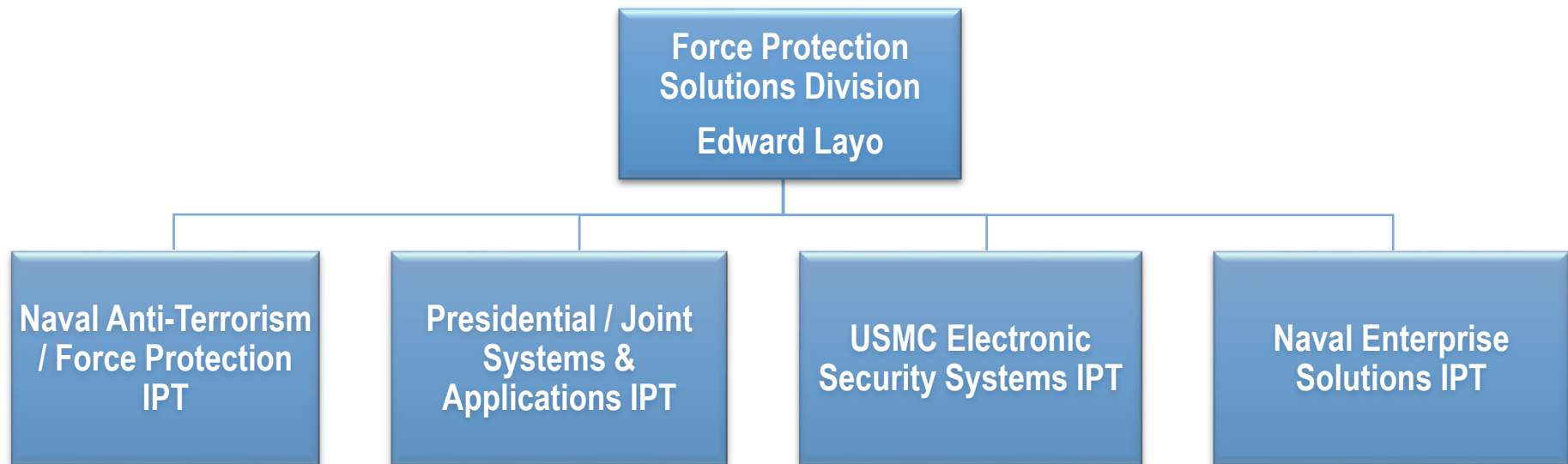## Challenges and Opportunities

Charleston Defense Industry Association
59th Small Business and Industry Outreach Initiative Symposium
19 October 2021

Mrs. Chris Litwin
NIWC Atlantic
Special Reconnaissance, Surveillance and Exploitation Division

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Special Reconnaissance, Surveillance, and Exploitation Division

Special Reconnaissance, Surveillance, and Exploitation Division – What We Do

To enhance the readiness of the Warfighter on a national level by delivering data analytics, system and engineering Intelligence capabilities in Shore, Air and Space.

Special Reconnaissance, Surveillance, and Exploitation Division

Christine Litwin

- **Air and Space IPT**
- **Integrated National Intelligence Systems IPT**
- **Joint Force Mission Systems IPT**

Special Reconnaissance, Surveillance, and Exploitation Division
Overview

Primary Customers

- National Security Agency (NSA)

- Office of the Secretary of Defense (OSD)

- Naval Air Systems Command (NAVAIR)

- Defense Intelligence Agency (DIA)

- Joint Strike Fighter F35 Program Office

What We Provide

- Cloud Computing, DevOps, Cybersecurity

- Data Analytics, Data Engineering, Data Architecture

- Network and Infrastructure Engineering

- Command and Control systems engineering

- Audio/video engineering

Challenges and Opportunities

▼ Pain points / Areas for Industry Support

- Hands-on DevSecOps expertise / availability with IC credentials
- RMF expertise / Applying Continuous Authorization to DevOps
- Zero Trust Implementation expertise
- Development of products across multiple classification levels

Naval Information Warfare Center Atlantic

Force Protection Solutions Division
Challenges and Opportunities

Charleston Defense Industry Association
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19 October 2021

Mr. Ed Layo
NIWC Atlantic
Force Protection Solutions
Division Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Force Protection Solutions Division

Force Protection Solutions Division – What We Do

Provide state-of-the-art electronic security and emergency management solutions. Information Management (IM), Information Technology (IT) and Command and Control (C2) services and solutions provider for the Naval Shore Enterprise.

Force Protection Solutions Division

Edward Layo

- **Naval Anti-Terrorism / Force Protection IPT**
- **Presidential / Joint Systems & Applications IPT**
- **USMC Electronic Security Systems IPT**
- **Naval Enterprise Solutions IPT**

Force Protection Solutions Division
Overview

Primary Customers

- Marine Corps Installations Command (MCICOM)

- Commander, Navy Installations Command (CNIC)

- White House Communications Agency (WHCA)

- U.S. Secret Service (USSS)

- National Geospatial-Intelligence Agency (NGA)

What We Provide

- Integrated capabilities, situational awareness, detection and deterrence, command and control, and coordinated emergency response

- Primary DoD provider of large-scale, integrated Electronic Security Systems (ESS) in compliance with cybersecurity initiatives

- Implementing Navy's next-generation ESS

- USMC ESS / MNS Technical Service Agency

- CNIC IT solutions provider supporting program-wide implementation of cybersecurity initiatives

- Secure communications on the move

Force Protection Solutions Division
Challenges and Opportunities

▼ Pain points / Areas for Industry Support

- Streamlining the RMF process

- Navy ESS enterprise initiatives

- Building a qualified ESS workforce

- Leveraging Digital Engineering to build efficiencies
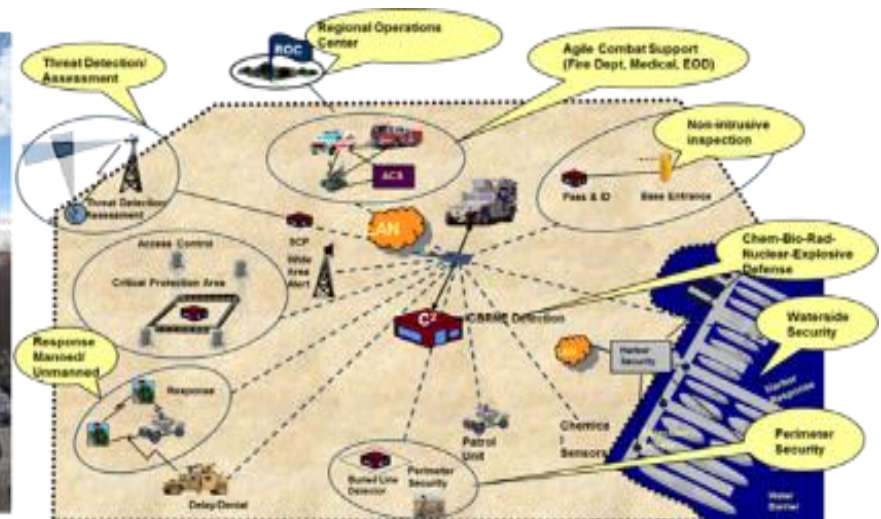
Naval Information Warfare Center Atlantic

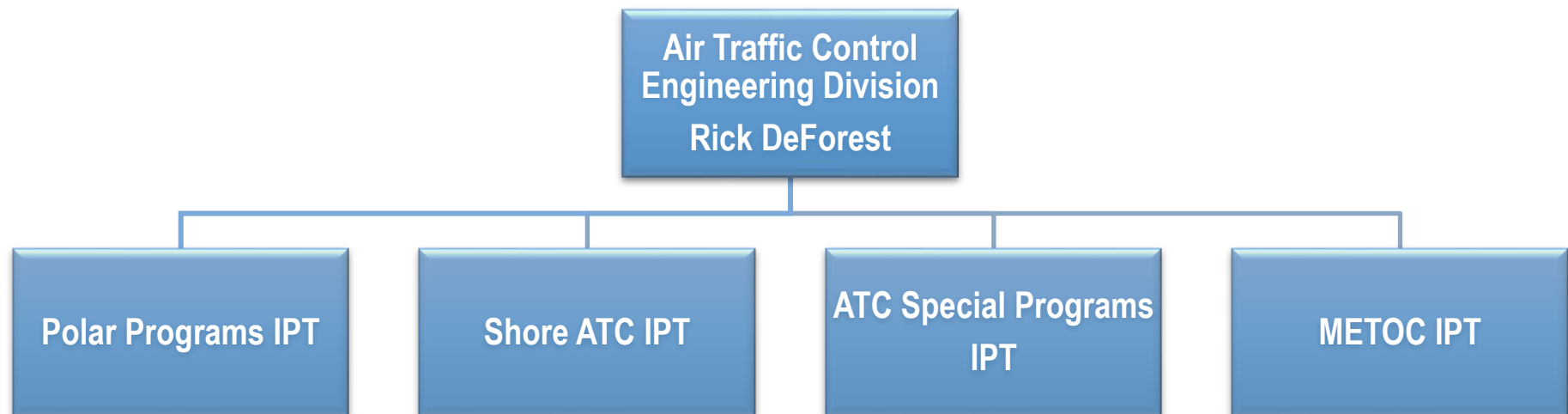## Command and Operations Centers Division
Challenges and Opportunities

Charleston Defense Industry Association
**59th Small Business and Industry
Outreach Initiative Symposium**
19 October 2021

Mr. Donovan Lusk
NIWC Atlantic
Command and Operations Centers
Division Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Command and Operations Centers Division

Command and Operations Centers Division – What We Do

Provide first-class Operations support by developing, implementing, and streamlining capabilities to enable timely, well-informed decisions regardless of Warfighting Domain.

Command and Operations Centers Division

Donovan Lusk

- **Naval Command and Operations Centers IPT**
- **Joint Command and Operations Centers IPT**
- **Naval and Joint Europe IPT**

Command and Operations Centers Division
Overview

Primary Customers

- 5th and 6th Fleets
- NAVCENT/NAVEUR/AF
- Fleet Forces Command
- NCTAMS LANT/PAC
- NAVIFOR
- NAVFAC
- SPAWAR HQ 4.0
- PMW 790
- MARCORSYSCOM
- EUCOM
- AFRICOM
- Joint Staff
- USAREUR
- SMWDC
- CJTF-HOA

What We Provide

- Naval and Joint Command and Operations Centers
  - Maritime Operations Centers (MOCs)
  - Emergency Operations Centers
  - Joint Operations Centers (JOCs)
  - Tactical Operations Centers
- MILCON C4ISR Engineering, Integration, and Testing
- Audio Visual Collaboration and Display Systems
- Exercise Planning (Solutions Development and Deployment)
- Professional Military Education IT Support

Challenges and Opportunities

▼ **Pain points / Areas for Industry Support**

- Configurable Access Based CDS Solution capable of supporting 21 networks across 4 domains

- Digital Engineering (MBSE, MBE, etc.) methodologies and toolsets
  - Sharing DE models with Industry
  - Establishing "digital thread" across MBE (e.g. BIM) and MBSE (e.g. SysML)
  - Utilizing SysML to automatically generate software via DevSecOps

- Executing interactive reviews worldwide within model space vice using flat files and beyond a "webex"

- Providing Digital Engineering artifacts to enable configuration management, maintenance, and modernization for numerous Shore Platforms worldwide

Naval Information Warfare Center Atlantic

Air Traffic Control Engineering Division
Challenges and Opportunities

Charleston Defense Industry Association
**59th Small Business and Industry
Outreach Initiative Symposium**
19 October 2021

Mr. Rick DeForest
NIWC Atlantic
Air Traffic Control Engineering
Division Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Air Traffic Control Engineering Division

Air Traffic Control Engineering Division – What We Do

Provide global Air Traffic Control (ATC), Aviation Command and Control (AC2), and Meteorology (METOC) cradle-to-grave systems engineering, Air Traffic Control operations, Electronics Maintenance, and Meteorological forecasting and observation services.

```
                    Air Traffic Control
                   Engineering Division
                       Rick DeForest
    ┌──────────────────┬──────┴──────┬──────────────────┐
Polar Programs IPT  Shore ATC IPT  ATC Special Programs  METOC IPT
                                          IPT
```

Air Traffic Control Engineering Division
Overview

Primary Customers

- NAVAIRSYSCOM/Program Executive Officer, Tactical Aircraft Programs [PEO(T)] PMA-213
- Marine Corps Training and Education Command (TECOM)
- U.S. Air Forces Central Command (AFCENT)
- PEO C4I PMW120
- National Science Foundation (NSF)
- Federal Aviation Administration (FAA)
- HQ AFLCMC
- HQ AFFSA

What We Provide

- ATC/METOC Design, Engineering, and Integration
- Aviation Command and Control Services
- ATC Logistics and Configuration Management

NAVAIR 1992 MOA established SPAWAR Systems Center (now Naval Information Warfare Center) Atlantic as an ATC Center-of-Excellence to support shore-based ATC & Landing systems and programs worldwide

Challenges and Opportunities

▼ Pain points / Areas for Industry Support
- ATC continues to enjoy collaborative & robust industry partner support
- New ATC Niche MAC/SAC awarded May 2021
- Anticipate increased need for engineering & PM support
- Augmented Reality / Artificial Intelligence enhanced distance support & training adaptation/integration and implementation
- Visual Information Display System (VIDS) DevSecOps integration, support, and utilization
- Remote Tower [AR] technology Early Operational Evaluation in various environments

Naval Information Warfare Center Atlantic
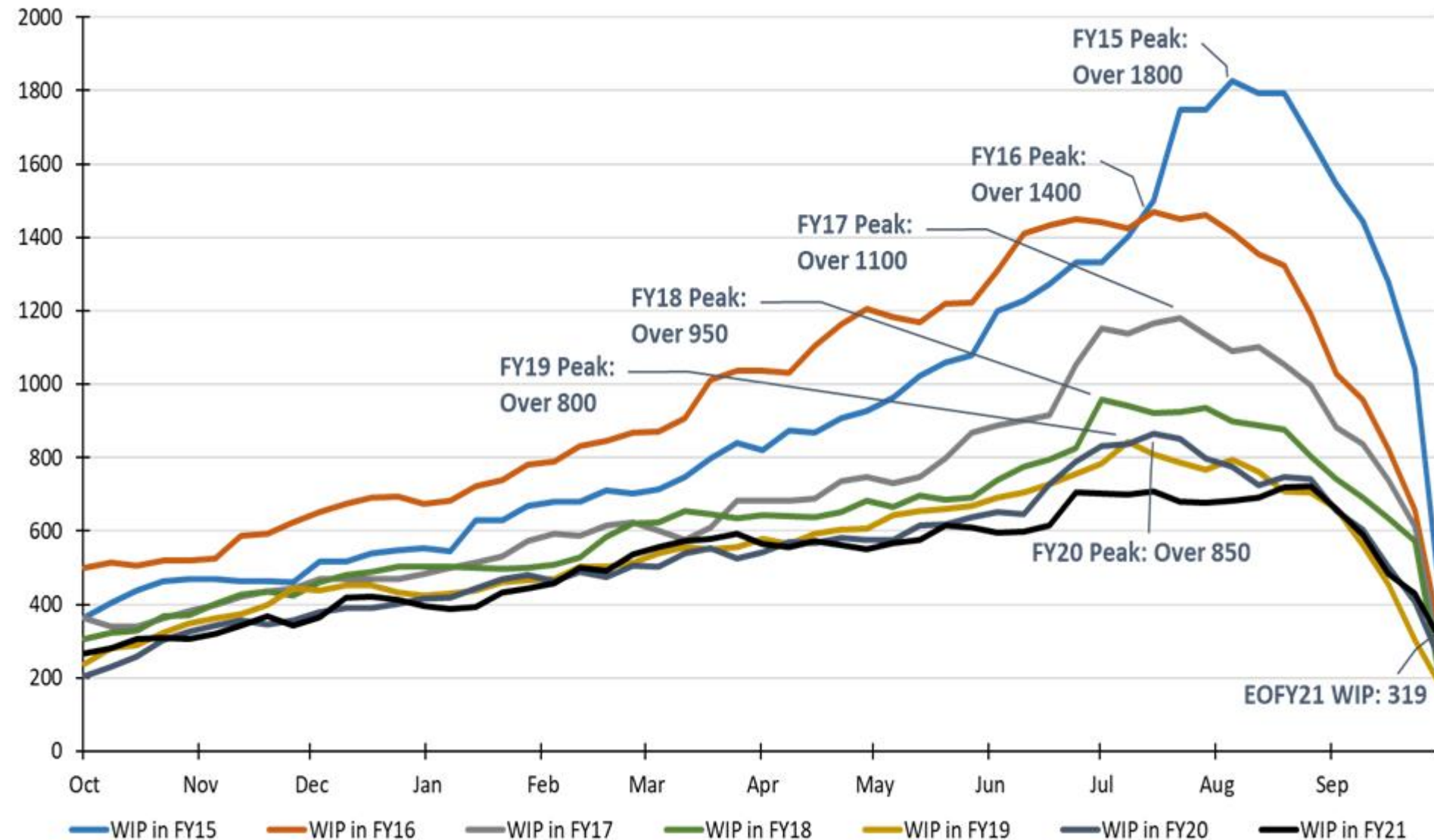
Shore C2ISR Department Operational View

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Mr. Bruce Carter
NIWC Atlantic
Shore C2ISR & Integration
Department Head

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Shore C2ISR Department Operational View
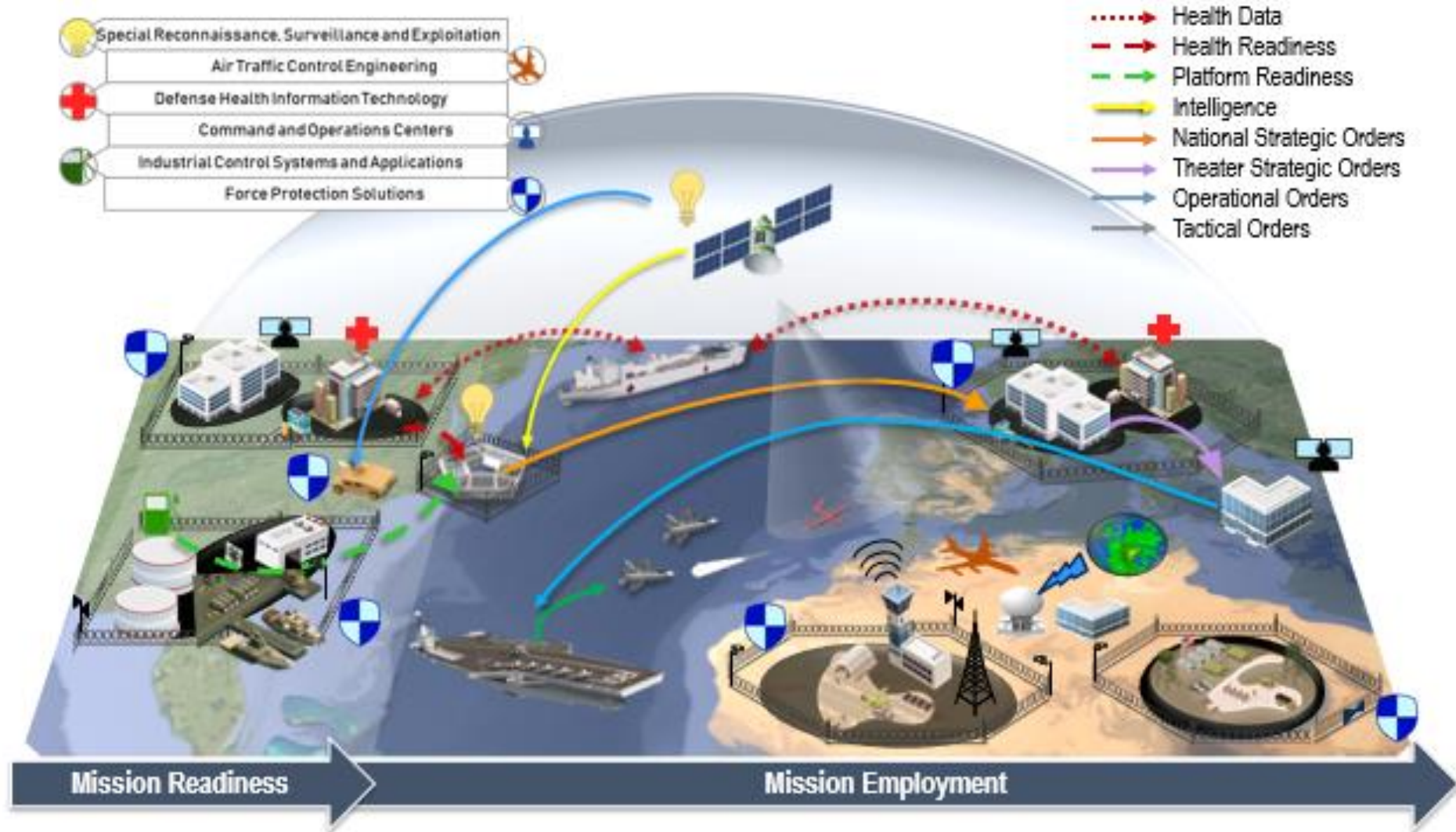
We deliver information warfare capabilities
Enabling Warfighters to secure America and promote global freedom

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

For more information on the Shore C2ISR & Integration Department contact:

Bruce Carter, Department Head
843-218-4000

Naval Information Warfare Center
ATLANTIC

Questions ?

Naval Information Warfare Center Atlantic

Shore C2ISR SBIOI Oct 2021 Hybrid Panel

Procurement Process Sequence

Requirements Development →	RFP Development and Solicitation →	Selection Process →	Award, Execution and Administration
Government			
- Work Acceptance - Outsourcing Decision / Vehicle Selection - PWS Development	- Industry Day - Draft RFP - Final RFP	- Source Selection Board	- Award Announcement - Monitoring / Trends in Execution - Modifications
Industry			
- Positioning - ID Opportunity - Pursuit Actions	- Preliminary Bid Decision - Proposal Planning - Validate Bid Decision - Proposal Preparation		
- Capture - Pursuit decision		- Submit Proposal	- Post submittal transition and lessons learned

Lunch
12:35 pm – 1:35 pm

Food Trucks!

3 Matador Taco Vault
Southern Roots Smokehouse Food Truck
(outside lobby doors, front portico area)

Mr. Pete Van
Chair
CDCA Small Business Committee
Charleston Defense Contractors Association

Introduction of afternoon Agenda and Speakers

59TH CDCA SBIOI AGENDA

01:35	Mr. Pete Van de Meulebroecke, Chair CDCA Small Business Committee "Introduction of afternoon Agenda and Speakers"
01:40	Mr. Steve Harnig, Director NIWC Atlantic 2.0 Contracts Competency *"NIWC Contracts Update"*
02:15	Ms. Robin Rourk, Deputy Director NIWC Atlantic Office of Small Business Programs *"NIWC Atlantic Small Business Opportunities"*
02:35	Q&A
02:45	Mr. Pete Van de Meulebroecke, Chair CDCA Small Business Committee *"Final Remarks, Intro to Networking Break / Speed Networking"*
02:50	Networking Break
03:00	Speed Networking (1 hr 50 min)

Naval Information Warfare Center Atlantic

2.0 Contracts Update and Contract Forecast

Charleston Defense Industry Association
59th Small Business and Industry Outreach Initiative Symposium
19 October 2021

Mr. Steve Harnig
NIWC Atlantic
2.0 Contracts Competency Director

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Overview

▼ Opening Remarks

▼ Performance Metrics

▼ FY21 – FY22 Highlights

▼ Contract Strategy

▼ Industry Forecast

▼ Questions

Year-over-Year WIP Visualization

FY15 Peak: Over 1800

FY16 Peak: Over 1400

FY17 Peak: Over 1100

FY18 Peak: Over 950

FY19 Peak: Over 800

FY20 Peak: Over 850

EOFY21 WIP: 319

—— WIP in FY15 —— WIP in FY16 —— WIP in FY17 —— WIP in FY18 —— WIP in FY19 —— WIP in FY20 —— WIP in FY21

2.0 EOY Scoreboard

2.0 Actions Completed				% Change
FY18 **5,209**	FY19 **5,159**	FY20 **4,845**	FY21 **4,145**	**14%**

2.0 Dollars Obligated ($m)				% Change
FY18 **$1,609**	FY19 **$1,914**	FY20 **$2,020**	FY21 **$2,083**	**3%**

Average Dollars Obligated Per Action ($k)				% Change
FY18 **$309**	FY19 **$371**	FY20 **$417**	FY21 **$503**	**21%**

PALT Reductions Realized FY18-FY21

PALT Code	FY18 PALT	FY19 PALT	FY20 PALT	FY21 PALT	PALT CHANGE (days)
SVC MAC GTE$25M	266	266	266	266	0 ▶
SVC MAC LT$25M	194	180	180	180	14 ▼
SUP MAC*	115	110	96	86	29 ▼
SAP*	115	110	75	75	40 ▼
SAC (not pre-priced)	75	75	75	60	15 ▼
SVC FOE (Including FOE Mods)	107	90	75	75	32 ▼
SAC (Pre-Priced CLINs)	-	35	35	35	0 ▶
ELA	75	75	35	35	40 ▼
Mod – High Complex	65	60	60	40	25 ▼
Mod – Low Complex	45	40	40	20	25 ▼
Mod – Supply	-	-	60	40	20 ▼
OTA	-	-	180	180	0 ▶

Combined OH & Non-OH Funded in FY20

Office of Small Business Programs

Providing the direction and resources needed to participate in the critical IW capabilities for the Warfighter
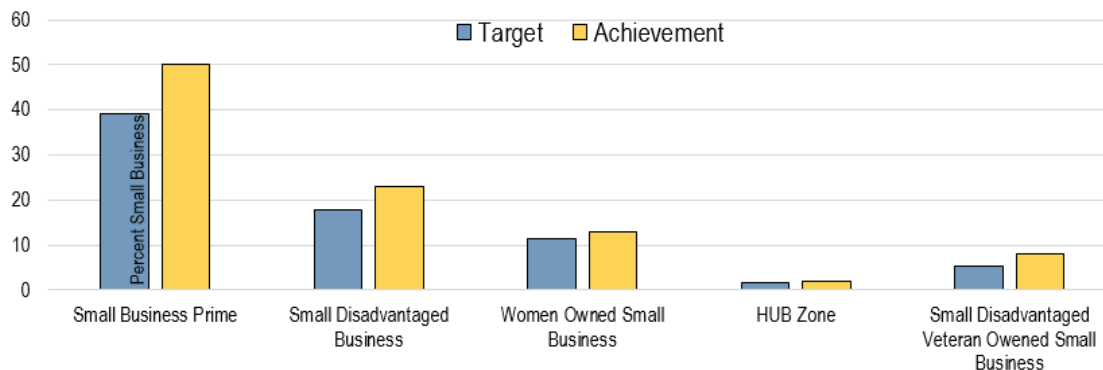
By the Numbers (FY21)

- 50% Total Small Business
- ~280 Small Businesses
- 93% Competition
- $3.97B Total Obligation Authority
- $2.08B Total Obligations

Small Business and Industry Outreach events provide networking opportunities.

Events are held in Charleston, SC; New Orleans, LA and Norfolk, VA.

FY21 Small Business Targets and Achievements

	SB	SDB	WOSB	HUB Zone	SDVOSB
30 Sept 2021 obligated	$957,935,826	$436,106,667	$242,877,117	$35,368,650	$150,523,118
Achievement	50%	23%	12.81%	1.87%	7.94%
Target	39.27%	17.7%	11.37%	1.55%	5.42%

- In the Charleston and New Orleans area the event is hosted by the Charleston Defense Contractor's Association (CDCA) http://www.charlestondca.org

- In the Tidewater area, the event is hosted by the Tidewater Association of Service Contractors (TASC) http://tasc-tgic.org

- The Contracts Industry Council (CIC) is a forum for exchange of ideas to improve capabilities to the Warfighter

FY21 – Year in Review

▼ **Major Awards**

- Awarded 4 large contracts:
  - ATC; UHF Couplers; Info Systems Security; and Video, Radio Comms & Unified Capabilities
- Awarded 5G Open BAA for OUSD
- Awarded 13 task orders >$25M to support programs/efforts such as:
  - USSOCOM, USCG, DARPA, C4I Afloat, etc.

▼ **Virtual Industry Days held for 5 task orders >$50M**

▼ **ASN(RD&A) approval to proceed with IWRP 2**

▼ **Successful HQ PPMAP / Command Inspection**

- "Satisfactory with low risk"
- 3 Best Practices: Metrics Usage, Employee Council, and COR File Review Process
- Multiple strengths, no significant weaknesses/deficiencies, some opportunities for improvement

▼ **Utilizing Section 233 Authorities; e.g., construction**

▼ **Flank Speed Transition**

▼ **Return to Work / Depersonalization of 2.0 spaces (pilot)**

FY22 – Year Ahead

▼ **Reinstatement of Service Acquisition Workshop (SAW) 1 Oct 2021**

- "C" type and single award IDIQ basic contracts with a total contract value of $500M or more or an annual value of $250M or more
- Task orders under MACs valued at $100M or more

▼ **Reinstatement of Cross-SYSCOM Peer Reviews 1 Oct 2021**

- Procurements $250M or more

▼ **DD254 at the Task Order Level for TS/SCI**

▼ **Implementation of Automation Tools: AMS / eCraft**

▼ **Vaccine Mandate**

- Clause 252.223-7999 "Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors" (Deviation 2021-O0009)

▼ **Contract Strategy**

- Align to Technical Strategy
- Address outsourcing requirements due to budget constraints
- Sea Enterprise (SE) Global Installation Contract (GIC) Administration

▼ **Workplace Flexibilities**

2.0 Contract Strategy

NIWC Atlantic Contract Strategy

SERVICES
General, Corporate Resources/Niche Service Contracts, Specialized/Complex

General Services → External Contract Vehicles – SEAPORT/ITES (S)

NIWC Atlantic Corporate Resources and Niche → 8a Incubator, DARPA, ATC, GIC, AATS, etc…

TS and Above Services & Specialized/Complex Services → Cyber Mission Engineering, MBAS and Corporate Ops

SUPPLIES
General, Corporate Resources/Niche Supply Contracts, Specialized/Complex

General Supplies → SEWP/ITES (H)/GSA

NIWC Atlantic Corporate Resources and Niche → IC/IVCS, etc…

Specialized/Complex End Item Deliverables → Cyber Mission Systems, Corporate Production, and TTL

OTHER TRANSACTION AUTHORITY
Information Warfare Research Project

NIWC Enterprise OTA for Rapid Innovation, Prototyping and Fielding

Managing Contract Strategy for the Future

Naval Information Warfare Center ATLANTIC

Executing the Right Mix

- Niche/Command Wide
- Small/Large Business
- Gov't/Ctr Resources
- Internal/External
- Other Transaction Authority
- Service/Supply

▼ Information Warfare Research Project (IWRP) 2

▼ Command Strategy
- Ensure Contract Strategy supports Technical Strategy
  - 5G, Cloud, MBSE, DEVOPS, and NC3

▼ Category Management
- Common goods/services vs DoD-centric
- Best In Class (BIC) – Tier 3
- SeaPort – Agency-wide Tier 1 Solution

▼ Req't to Consider SeaPort (NMCARS 5237)
- To satisfy competitive service requirements
- D&F required to negate use of SeaPort
- >SAT; limited exceptions

▼ SAC vs MAC
- D&F required to award single source task/delivery order contract >$100M (HQ)

Contract Strategy

Naval Information Warfare Center ATLANTIC

Requirements
Depts. and Mj. Sponsors

- **Fleet C4I and Readiness**
  - PMW 120
  - PMW 130
  - PMW 160
  - PMW 170
  - PMW 740
  - PMW 750/760
  - PMW 770
  - PMW 790
  - FRD
  - NAVSEA
  - NAVAIR
  - USCG
  - Fleet Cyber
  - Numbered Fleets

- **Expeditionary Warfare**
  - MARCORSYSCOM
  - SOCOM
  - HQMC
  - PEO Land Systems

- **Enterprise Systems**
  - PEO MLB
    - PMW 150 PMW 220
    - PMM 230 PMW 240
    - PMW 250 PMS 444
  - PEO D&ES
    - PMW 205 PMW 280
    - PMW 260 PMW 290
    - PMW 270
  - NAVSEA
  - DISA
  - Numerous small DON projects

- **C2ISR & Shore Integration**
  - Defense Health Agency
  - Commander, Navy Installations Cmd.
  - Marine Corps Installations Command
  - Naval Air Systems Command
  - Naval Facilities Engineering Command
  - Defense Logistics Agency Energy

- **Science & Technology**
  - Defense Advanced Research Projects Agency (DARPA)
  - Office of Naval Research (ONR)
  - Office of the Secretary of Defense (OSD)
  - Navy Tactical Exploitation of National Capabilities (TENCAP)

Solutions Supporting the Departments and Competencies

16 IDIQ , SEAPORT NXG, GIC = Installs Afloat & Shore, Corp. Production = Kitting, Cyber (Services = CME., Solutions = CMS), C2 Supplies (MBAS, Warehouse, 8(a), AATS, ATC, SATCOM Svcs, DARPA)

19 - Small Business, Embedded in part 10 - Research

15 Source Selection for Contracts

13 SAP <250K Non Reoccurring Supply & Service

12 Commercial Items

8.4 General Supplies → Federal Supply Schedules

35 – R&D, DARPA & 5G BAAs

36 - Const. SEC 233

Rapid Prototype = IWRP & follow on;
Production = Stand Alone, Other Transactions;
Tech Bridge = PIA

MAC
Repetitive
Competitive
⬇
Independence
⬇
TASKS
⬆
Integrally related
⬆
SAC
Agility

Requirements
Competencies

- **1.0 Finance:** MBAS
- **2.0 Contracts:** Corporate Operations
- **3.0 Office of Counsel:** N/A
- **4.0 Log. & Life Cycle Engr.**
  - 4.1 Sustainment Engr. & Fleet Support
  - 4.3 Install. Planning & Execution - GIC
  - 4.5 Supply Chain Mgmt/Accountable Property – AbilityOne Warehousing Contract
  - 4.6 IPS & Reliability Engineering
  - 4.7 Production, Quality & Manufacturing Engr. – Corporate Production
- **5.0 Engineering**
  - 5.2 System of Systems Engineering
  - 5.4 Software Engineering
  - 5.5 Communications & Networks
  - 5.6 Data Science & Analytics – TBD
  - 5.9 Mission Assurance – ISSS Contract
- **6.0 Prog. & Proj. Mgmt.:** MBAS
- **7.0 Science & Technology:** SEWP and GSA
- **8.0 Corp. Ops:** Command Ops.

Contract Strategy supports Technical Focus Areas Developing today for the warfighter needs of tomorrow and beyond.

Artificial Intelligence: 5.6 is the Command lead. Strategy is to issue an order or single award contract to acquire specialized skills in this TFA.

Assured Communications: 5G BAAs and IWRP OTs

Cloud Computing: Our primary strategy for stand alone Cloud services is to utilize the HQ Cloud BPA. Owner in the command is 5.4/5.5. Dec 2020 Navy Cloud Policy coming out of ASN RDA/DON CIO - prohibition on buying cloud services as part of a larger systems integration or support services contract - We can issue orders against any of the existing cloud vehicles, but we'd have to get PEO Digital's approval if we wanted to issue our own solicitation for a new vehicle.

Cybersecurity: Provides protection from unauthorized use of and/or defends electronic data, hardware, software from disruption or of the services they provide. Appropriate to acquire cybersecurity embedded in most of our acquisitions. Historically we have had a Cyber services contract (CME) and a Cyber solutions contract (CMS). Do we need to continue those? Owner in the command is 5.9 – developing there own support contract action.

DevSecOps: Refers to replacing siloed Development, Security and Operations to create multidisciplinary teams that collaborate with shared and efficient practices and tools. Many times these services are embedded in bigger contract actions as well. Strategy could change to modular contracting if the requirements are separated into their own action (small and more agile – iterative). Owner in the command is 5.4.

Mobility: Provide Wireless Technology and enterprise access for the warfighter to engage with a mobile environment and applications, anytime, anyplace. Owner in the command is 5.5. 5G BAAs?

Model-Based Systems Engineering (MBSE): Technologies used to support the development, management and application of virtual constructs of varying fidelity across the spectrum of systems engineering. Appropriate to acquire as an embedded requirement in other actions. 5.2 is the owner for the command.

On-Demand Manufacturing: Produce products and/or components, when or as they are required at the point of use, using additive and/or traditional manufacturing methods. 4.7 is the owner for the Command. Corporate Production or CMS strategy?

8 Technology Focus Areas (TFAs) to Achieve Technology Goals

Technology Strategy and TFA analysis <u>drives work acceptance</u> and lab/facility infrastructure allocations and tools.

Artificial Intelligence: Provide warfighters with analytics-driven, data-informed, and technology-empowered capabilities to drive decision advantages and optimal mission outcomes.

Assured Communications: Addresses the demand for resilient, and sometimes covert, wired and wireless communications in degraded and/or denied environments.

Cloud Computing: IT modernization and digital transformation for resilient infrastructure, platform and software services.

Cybersecurity: Provides protection from unauthorized use of and/or defends electronic data, hardware, software from disruption or of the services they provide.

DevSecOps: Refers to replacing siloed Development, Security and Operations to create multidisciplinary teams that collaborate with shared and efficient practices and tools.

Mobility: Provide Wireless Technology and enterprise access for the warfighter to engage with a mobile environment and applications, anytime, anyplace.

Model-Based Systems Engineering (MBSE): Technologies used to support the development, management and application of virtual constructs of varying fidelity across the spectrum of systems engineering.

On-Demand Manufacturing: Produce products and/or components, when or as they are required at the point of use, using additive and/or traditional manufacturing methods.

IWRP
INFORMATION WARFARE RESEARCH PROJECT

Advancing Naval Information Warfare Through Rapid Prototyping on a Global Scale

IWRP is the first Naval Consortium to have successful prototypes transitioned to production.

Mission to foster collaboration between Government, Industry and Academia to identify, develop and demonstrate the enabling technologies necessary to enhance the Navy and Marine Corps mission effectiveness in the field of Information Warfare.
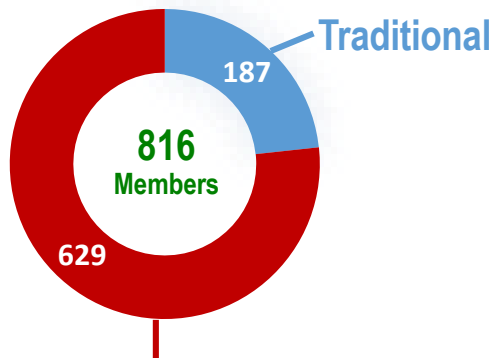
Membership Spans 37 States

Since Oct FY19 1048+ Structured collaboration engagements between industry and the government
Become a member
https://www.theiwrp.org

816 Members

Traditional 187

629

77% **Nontraditional Industry bases** allows access to move innovative capabilities

---

$500M
Ceiling

106 prototypes ($304M)
Awarded to Date

12 Production ($622.5M)
Awarded to Date

61% (65 out of 106)
Awarded to Non-Traditionals

$2.8M
Average Prototype Award

48
Industry Day & CMF Events

Industry Forecast Report

Naval Information Warfare Center Atlantic

Fleet C4I and Readiness (PMW 100s and 700s) Division 221

Todd Rollins

Fleet C4I and Readiness Forecast

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Fleet C4I & Readiness - IA & Navy Cyber Security Division (PMW 130)	1300887921	>=$10M, <$50M	Seaport NxG	Jun-2022	TBD	Crypto and KM Systems Engineering and ISEA
Fleet C4I & Readiness - IA & Navy Cyber Security Division (PMW 130)	1300914863	>=$50M, <$100M	Seaport NxG	Aug-2022	TBD	Computer Network Defense
Fleet C4I & Readiness - Navy Afloat Network Division (PMW 160)	1300886448	>=$50M, <$100M	Seaport NxG	Nov-2021	UNRESTRICTED	Integrated Product Support (IPS), for Command, Control, Communications, Computers, Combat Systems, Cyber, and Intelligence (C6I) Systems
Fleet C4I & Readiness - Navy Afloat Transport & Navigation Division (PMW 170)	1300932895	>=$10M, <$50M	Seaport NxG	Dec-2021	TBD	SOFTWARE DEFINED RADIO SOLUTIONS (SDRS) INTEGRATED PRODUCT TEAM (IPT) TECHNICAL SUPPORT
Fleet C4I & Readiness - Submarine Integration Division (PMW 770)	1300954507	>=$50M, <$100M	Seaport NxG	Oct-2022	TBD	Multi-Reconfigurable Training System (MRTS) - C4I Software Engineering, Training, Curriculum Development and Logistics Support

Naval Information Warfare Center Atlantic

Expeditionary Warfare/ Enterprise Systems/Non-Department
Division 222

Erica Smoak

Expeditionary Warfare (ExW) Forecast

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Expeditionary Warfare - Expeditionary Command, Control & Communications Solutions (EC3S)	1300955891	>=$10M, <$50M	Seaport NxG	Dec-2021	TBD	USMC Tactical Software Engineering Support
Expeditionary Warfare - Expeditionary Command, Control & Communications Solutions (EC3S)	1300938848	>=$50M, <$100M	Seaport NxG	Apr-2022	TBD	C2SA Lifecycle Systems Support
Expeditionary Warfare - Expeditionary Intelligence Solutions	1300910058	>=$10M, <$50M	Seaport NxG	Nov-2021	TBD	USMC Intelligence Engineering Sustainment Support
Expeditionary Warfare - Expeditionary Intelligence Solutions	1300877224	>=$100M, <$250M	Seaport NxG	Jan-2022	UNRESTRICTED	Intelligence and Scientific Analysis

Expeditionary Warfare (ExW) Forecast

Naval Information Warfare Center
ATLANTIC

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Expeditionary Warfare - Expeditionary Intelligence Solutions (EIS)	1300868974	>=$50M, <$100M	Seaport NxG	Oct-2021	SBSA	USMC Signals Intelligence (SIGINT) Signals Intelligence Systems (SIS) Support
Expeditionary Warfare - Expeditionary Intelligence Solutions (EIS)	1300930030	>=$50M, <$100M	SeaPort NxG	Apr-2023	TBD	Green Force Tracking (GFT) Field Services Representative (FSR) And Technical Support
Expeditionary Warfare - Expeditionary Intelligence Solutions (EIS)	1300937999	>=$10M, <$50M	Cyber Mission Engineering	TBD	TBD	Ground Static Kit (GSK) Development

Enterprise Systems (ES) Forecast

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
ENTERPRISE SYSTEMS - Enterprise Business Systems (EBS)	1300889192	>=$10M, <$50M	Seaport NxG	Feb-2022	TBD	Business Applications ISEA IPT Technical Support
ENTERPRISE SYSTEMS - Enterprise Business Systems (EBS)	1300901750	>=$50M, <$100M	Seaport NxG	Oct 2021	UNRESTRICTED	Maintenance Figure of Merit (MFOM) Engineering
ENTERPRISE SYSTEMS - Enterprise Business Systems (EBS)	1300889193	>=$10M, <$50M	Seaport NxG	TBD	TBD	Maintenance Figure of Merit (MFOM) Sustainment
ENTERPRISE SYSTEMS - Infrastructure Systems (IS) - SATELLITE COMMUNICATIONS	TBD	>=$10M, <$50M	Seaport NxG	Dec-2021	TBD	Navy Gateway Modem Engineering Support Services

Non-Department Forecast

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
8.0 Competency - Corporate Operations	1300925341	>=$10M, <$50M	GSA	Dec-21	SBSA	Alarm Systems and Critical Asset Monitoring
Office of the Command Information Officer - Command Software Services	1300947851	>=$10M, <$50M	Seaport NxG	TBD	TBD	NWIC Atlantic Software Service Support

Naval Information Warfare Center Atlantic

Shore C2ISR and Integration
Division 223

Audrey Orvin

Shore C2ISR and Integration Forecast

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Shore C2ISR & Integration - Defense Health Information Technology	1300906114	>=$100M, <$250M	Seaport NxG	Oct-2021	UNRESTRICTED	Defense Health Readiness Engineering Support
Shore C2ISR & Integration - Air Traffic Control Engineering	1300938504	<$5M	ATC Engineering Technical and Operational Total System Delivery Support	Oct-2021	UNRESTRICTED	ECS Upgrade FY21 Installs
Shore C2ISR & Integration- Defense Health Information Technology (DHIT) Division	1300923534	>=$100M, <$250M	Seaport NxG	Nov-2021	SBSA	Medical Information Delivery Applied Services
Shore C2ISR & Integration-Special Reconnaissance, Surveillance & Exploration	1300905894	>=$10M, <$50M	Seaport NxG	Oct-2021	UNRESTRICTED	Airborne MULTI-Intelligence and Special Missions (AMISM) Consolidated Product Support

Shore C2ISR and Integration Forecast

Naval Information Warfare Center ATLANTIC

Department	PR Number	Est Value	Contract Vehicle	RFP Pending	SB Set Aside Status	General Description
Shore C2ISR & Integration - Force Protection Solutions	1300821720	<$5M	Seaport NxG	Oct-2021	TBD	NAVCONBRIG Sustainment, Miramar/Pearl Harbor
Shore C2ISR & Integration- Defense Health Information Technology (DHIT) Division	1300904750	>=$100M, <$250M	Seaport NxG	Dec-2021	SBSA	Defense Health Infrastructure & Application Engineering
Science & Technology Division	1300910090	>=$10M, <$50M	Seaport NxG	Nov-2021	UNRESTRICED	NIWC Atlantic Advanced Technology Development Support

Naval Information Warfare Center Atlantic
Small Business Update

Charleston Defense Industry Association
**59th Small Business and Industry
Outreach Initiative Symposium**
19 October 2021

Ms. Robin Rourk
Office of Small Business
Programs Deputy Director
NIWC Atlantic

DoD SB Industrial Base Priorities

"Small businesses are the economic engine of our nation. They are our job creators, innovators and contribute daily to the mission of the Department of Defense (DoD). The department is committed to increasing opportunities for small businesses, including those from underserved communities, to compete for defense contracts."

https://www.defense.gov/News/Releases/Release/Article/2767014/leveraging-the-capabilities-of-small-businesses/

▼ DoD plans to leverage the capabilities of small businesses to:

- Increase competition

- Strengthen domestic supply chains

- Support equity and inclusion in defense procurements

Barriers Facing Small Business In Contracting with the DoD

▼ DoD is seeking comments and information to assist the DoD in updated its SB Strategy, specifically addressing:

- Business practices that might deter SB from provided goods and services to the DoD

- Regulations and practices that may strain relationship with SB

- Use of past performance info in source selection…

- Availability of skilled personal to sustain SB ecosystem

- Contracting timelines and the impact to SB

- And others! Check it out here:

  https://www.federalregister.gov/documents/2021/09/08/2021-19352/notice-of-request-for-comments-on-barriers-facing-small-businesses-in-contracting-with-the (Closes 25 October)

▼ Distinctly focused on changes in policies and processes geared toward a new approach for 21st century supply chains. https://www.defense.gov/News/News Stories/Article/Article/2793970/supply-chain-resiliency-is-whole-of-government-effort/

Supply Chain Resiliency

▼ DoD is seeking comments and information to assist the DoD's assessment of defense industrial base supply chains.

■ Specifically seeking information about key supply chain vulnerabilities and opportunities to address vulnerabilities.

Comments requested on four key topics including:

- Kinetic capability
- Energy storage
- Microelectronics
- Casting and forgings

Along with five systemic enablers, including:

- Workforce
- Cyber posture
- Interoperability
- Small Business
- Manufacturing

https://www.federalregister.gov/documents/2021/09/28/2021-21046/federal-register-notice-of-request-for-written-comments-in-support-of-the-department-of-defenses

DoD Class Deviation - Limitations on Subcontracting (LOS)

▼ Effective September 10, 2021

▼ Recognizes certain exclusions from the LOS for small businesses that are outlined in SBA's regulations but have not yet been added to the FAR.

- The SBA rule provides that the following services may be excluded from the 50% limitation:

  1) other direct costs (to the extent they are not the principal purpose of the acquisition and small business concerns do not provide the service), such as airline travel, work performed by a transportation or disposal entity under a contract assigned the environmental remediation NAICS code (562910), cloud computing services, or mass media purchases

  2) work performed overseas on awards made pursuant to the Foreign Assistance Act of 1961 or work required to be performed by a local contractor. These exclusions are not in the FAR.

Social Media Updates

▼ **All Things Small Business (ATSB) Podcast**

- Hosted by DAU Small Business Learning Director
- Topics include
  - Prize Challenges
  - A Bright Idea (Strategic Communication Program tips)
  - DoD SB Specialists
- https://podcasts.apple.com/us/podcast/all-things-small-business/id1523710805.

▼ **NIWC LANT App**

- Need identified in CIC
- In early phase of roll out. Find it in your App store today!

Updates from DoD SB Training Week

▼ **Cybersecurity Resources**

- Project Spectrum – DoD initiatives that provides resources tool and training
  https://projectspectrum.io

  – Resources such as self assessments, articles and community forums

▼ **Trusted Capital and Foreign Investment Risks**

- Capability Providers are entities that specialize in providing/developing products and services in key technology sectors and subsectors (twenty-seven key technology areas). These entities have highlighted key capabilities and have been down-selected by DoD partners and/or DoD innovations programs for inclusion in the Trusted Capital program so that they can raise additional investment funding for growth.

- https://dodtrustedcapital.force.com/s/

▼ **Harnessing Innovation of SB through SBIR/STTR**
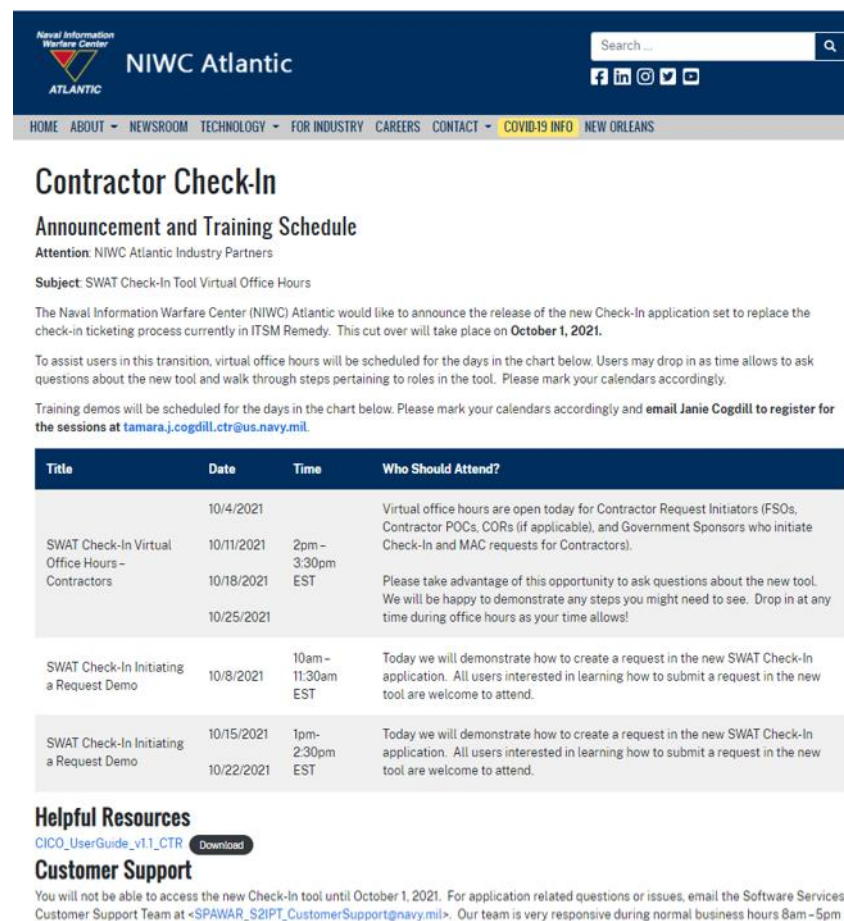
- https://www.navysbir.com/ DoD FY-21.3 SBIR Broad Agency Announcement (BAA) Closes 10/21/21

- NAVWAR Standard SBIR Topics:

  – N213-141   Positioning Using Magnetic Anomalies Correlation of Earth (PUMACE)

  – N213-142   Automated High Frequency Communications Planner

Contractor Check-in Check Out Update

▼ NIWC Atlantic will use the SWAT Check-In Application to support personnel joining the NIWC Atlantic team, including government civilian, military, and contractor personnel. This application also supports the addition or update of new accounts, resources, and/or services, and changes to personal, employment, and contract information.

New Public Web Page:

https://www.niwcatlantic.navy.mil/contractors/

Serve our Nation by delivering information warfare solutions that protect national security.
WIN THE INFORMATION WAR.

NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Web: https://www.niwcatlantic.navy.mil — Facebook: https://www.facebook.com/NavalInformationWarfareSystemsCommand
Twitter: https://twitter.com/navwarHQ — Instagram: https://www.instagram.com/navwar_usnavy/ — LinkedIn: https://www.linkedin.com/company/navwar/
Employment opportunities: https://www.usajobs.gov/ — NIWC Atlantic Small Business: https://www.niwcatlantic.navy.mil/for-industry/
NAVWAR Contract Directorate Office: https://e-commerce.sscno.nmci.navy.mil

Questions ?

Mr. Pete Van

Chair
CDCA Small Business Committee
Charleston Defense Contractors Association

Final Remarks
Intro to Networking Break and Speed Networking

We Want to Hear from You!

Congratulations to these Survey Gift Card Winners!

57th SBIOI:
Jacki Major, DIGITALiBiz

58th SBIOI:
Whitney Bridges, GRSi

In an effort to make each event as beneficial to our attendees as possible, we ask that you please complete this survey:

https://www.charlestondca.org/sbioi-survey

- Your feedback will help us provide you the best experience possible.

- The survey link will be emailed to all SBIOI attendees.

Please submit your survey by:
Friday, 22 Oct 2021
for a chance to win a **$50 gift card**.

Speed Networking

3:00 pm – 4:45 pm